

CURRICULUM VITAE OF DR. ASAF VAROL (SEPTEMBER 2020)

1. Personal Information

Asaf Varol
Firat University
Department of Software Engineering
College of Technology
23119 Elazig / Turkey
varol.asaf@gmail.com

He participated intensive German language courses and workplace training courses in Germany between 1972 and 1973. In 1976, he trained an internship in the German Railways for 3 months with the IAESTE scholarship in Germany. During his undergraduate education at Firat University, where he was enrolled in 1973, he coded programs using FORTRAN programming language. He graduated from Firat University as the top students of the department in 1977 and started his master's degree at Istanbul Technical University (ITU), at Nuclear Energy Institute in the same year. He completed his master's thesis on computer simulation (using FORTRAN programming language). He received the degree of MSc in 1979. He started his career as an engineer at the ITU Research Reactor in 1978, continued as a "Research Assistant" at Firat University in 1979 and started his doctorate education at Karadeniz Technical University (KTÜ), Institute of Sciences in the same year.

Between 1981 and 1982, he completed the experimental parts (computer simulation) of his doctoral studies in Germany (as DAAD scholar). He brought a SINCLAIR ZX-81 microcomputer in 1982 when he came back to Turkey and gave first BASIC programming courses at Firat University. He received the title of "Doctor of Philosophy" from KTÜ in 1983. In 1990, he participated in academic studies on Computer Systems in the United States (Indiana and Purdue Universities) for 9 months within the scope of YÖK / World Bank Project. In 1991, he received the title of "Associate Professor" in Energy Education.

In 1991, he established the first local university television at Firat University and in those years he gave distance education courses in the field of computer programming and database management systems via this television broadcasting system.

In 1992, for 4 months, he did academic studies in the fields of computer-aided education and design at Salford and Bradford universities in England. In 1995, he was invited to Oklahoma State University in the USA to work on Vocational and Technical Education and Informatics.

In 1997, he received the title of "Professor" at the Department of Computer Systems Education. Thanks to the German scholarship (DAAD) he participated in a project in the field of Robotics at Bremen University for 2 months in 1998.

Between 1999 and 2002 as a member of the National Informatics Committee he led distance education studies of various universities in Turkey. Between 2000 and 2009, he served as a commission member of the Vocational and Technical Education of Interuniversity Board.

He served as the founding dean of Firat University Faculty of Communication between 2000 and 2004.

Between 2003 and 2005, he conducted scientific studies and gave different lectures at West Virginia University in the USA.

He was appointed as the Vice Rector of Siirt University between 2007 and 2008 to carry out the founding activities. In the same years, he worked as the Dean of the Education Faculty of Siirt University.

Between 1998 and 2001, he worked as the Coordinator of Firat University on the Eastern Anatolia Project (EAP). He completed the “Provincial Development Plans Projects” of Elazığ, Bingöl, Muş, Tunceli, Bitlis and Siirt provinces with a team he established between 2001 and 2004.

Between 1995 and 1998, he worked as the coordinator of “Teacher Training Projects in the field of Information Technologies” with YÖK and the Ministry of National Education.

In 2011, he conducted research at Wilkes University in the USA for 3 months.

He worked as the Revolving Fund Operations Manager at Firat University between 2008 and 2012. In 2011, he was appointed second time as a full time Professor to the Department of Software Engineering, College of Technology at Firat University.

In 2013, he taught Introduction to Digital Forensics and Information Assurance course at Sam Houston State University in the USA at the undergraduate level, and gave various online lectures to the same university between 2018 and 2019.

He established Software Engineering International Joint Undergraduate Program (UOLP) at the College of Technology, at Firat University. The students can gain two separate diplomas from both Firat and Sam Houston State Universities who successfully complete the program. This program is most preferred in dual diploma programs in Turkey and the whole quota of this program has been fully filled since 2018.

He established the first and still the only ones of the Department of the Digital Forensics Engineering, College of Technology at Firat University.

Between 2015 and 2017, he completed his second master's degree in Public Administration at Sam Houston State University in the United States and was awarded a scholarship by the University during his education due to his outstanding success.

He has served as the External Evaluator of the Higher Education Quality Board (YOKAK) at Abant İzzet Baysal University in 2017, Bilecik Şeyh Edebali University in 2018, Ardahan University in 2019 and Ondokuz Mayıs University in 2020 in terms of accreditation of quality assurance.

In 2017, he founded the Software and Cyber Security Association (www.softcybersec.org).

Since 2000, he has been a Permanent Member of the Council of Deans of Communication Faculties (www.ildek.org).

Since 2013, he has organized the International Symposium on Digital Forensic and Security (www.isdfs.org) every year, which is supported by IEEE.

He has more than 300 articles, papers and books published nationally and internationally. Between 1997 and 2000, he worked as a columnist in BT / Haber newspaper. Since 2000, he has been a columnist in Gunisigi Newspaper (<https://www.gunisigigazetesi.net/profil/11/prof-dr-asaf-varol>).

He taught different courses in the field of Computer Engineering in English at Firat University, West Virginia University, Wilkes University and Sam Houston State University in various years.

In 2020, he was appointed third time as a full time professor to the Department of Computer Engineering (English Program), College of Engineering and Natural Sciences at Maltepe University in Istanbul, Turkey.

He is married and has two children. He speaks English and German at an advanced level.

2. Key Qualifications

- ◆ Artificial Intelligence, Cyber Security, Digital Forensics,
- ◆ Information Assurance, Software Engineering
- ◆ Information Technology, Computer Systems, Distance Education
- ◆ Public Administration, Regional Development,
- ◆ Knowledge Managements, Educational Leadership

3. Education:

Degree or Diploma obtained	Date (from/to)	Institution
Promoted to the rank of Professor Dr. in Computer Engineering at the College of Engineering and Natural Sciences, at Maltepe University	2020	Maltepe University/Turkey
Second MSc in Public Administration	Fall 2015 to Spring 2017	Sam Houston State University/US Graduated on May 13 th , 2017
Promoted to the rank of Professor Dr. in Software Engineering at the College of Technology	2011 to present	Firat University/Turkey
Promoted to the rank of Professor Dr. in Computer System Education at the College of Technical Education	1997-2011	Firat University/Turkey
Promoted to Assoc. Prof. Dr. in Energy Systems Education at the College of Technical Education	1991-1997	Firat University/ Turkey
PhD. in Mechanical Engineering	1979 - 1983	Two years at Karlsruhe Technical University, Germany (DAAD). Two years at Karadeniz Technical University, Trabzon/Turkey
First MSc in Nuclear Energy Engineering	1977 - 1979	Institute for Nuclear Energy, Istanbul Technical University, Istanbul
Mechanical Engineer (BSc), Honors in Mechanical Engineering	1973 - 1977	Firat University, Department of Mechanical Engineering, Elazig/Turkey

4. Professional experience

Dates	Institution	Location	Position	Description
August 2013 – December 2013	Sam Houston State University (SHSU)	Huntsville	Visiting Professor	Taught Introduction to Digital Forensics and Information Assurance Course at SHSU
June 2011 – September 2011	Wilkes University	Wilkes Barre	Visiting Professor	Researched topics on Supersonic Wind Turbine and Simulations
January 1985 – Present	Firat University and Siirt University	Elazig, Turkey	Various academics positions in two faculties and four	Vice President, Dean, Department Head, Instructor.

Dates	Institution	Location	Position	Description
			different departments (see footnote**)	
2004-2005	West Virginia University	Morgantown, WV	Visiting Professor	Teaching of the courses Analysis-Engineering Systems (Numerical Methods), Advance Mechatronics, Pro/Engineer (Solid Modeling), Statics, Research on Modeling and Simulation of Urodynamics.
August-September 2003	West Virginia University	Morgantown, WV	Visiting Professor	Researched topics on related to Distance Education, Robotics and Mechatronics
July-August 1998	University of Bremen	Bremen, Germany	Visiting Professor	Robotics, Distance Education (Supported by German DAAD)
May-August 1992	University of Bradford	Bradford, United Kingdom	Visiting Associate Professor	Computer Aided Design
January – February 1992	University of Salford	Salford, United Kingdom	Visiting Associate Professor	Computer Aided Design, Computer Numerical Control, Computer Aided Manufacturing

** Various academic positions (Some selected positions)

From 2008 to 2020 From 1991 to 2004 From 1985 to 1989	Member of Senate Board of Firat University
From August 2017 to present	External Evaluator of Board of Quality Committee of Higher Education Council of Turkey (YÖKAK)
From October 2011 to 2019	Executive Board Member of College of Technology, Firat University
From October 2011 to March 2020	Chair of Software Engineering, College of Technology, Firat University
From September 2008 to September 2011	Chair of Department of Electronics and Computer Science Education at the College of Technical Education
From September 2008 to September 2012	Director of Revolving Funds of Firat University
From September 2007 to September 2008	Vice President of Siirt University, Founder of Siirt University, and Dean of the College of Education, Siirt, Turkey
From March 2000 to July 2004	Dean of the College of the Communication, Firat University, Elazig, Turkey
From 2001 to July 2004	First Chairman and Founder of the Department for Radio-Television and Cinema, College of Communication, Firat University, Elazig, Turkey
From 2000 to July 2004	Director for the Centre for Distance Education, Firat University, Elazig, Turkey
From 1985 to July 2004	Advisory Board Member of the College of the Technical Education, Firat University, Elazig, Turkey
18.09.1991 – April 2002	General Coordinator and Founder of the University Television Broadcasting Unit (FIRAT TV), Elazig, Turkey
14.01.1991 – 08.11.2000	First Chairman and Founder of Department of Electronics & Computer Science, College of the Technical Education, Firat University, Elazig, Turkey
1987-1990	Chairman of the Mechanical Branch of Science Institute, Firat University, Elazig, Turkey
01.01.1985 - 06.03.1990	First Chairman and Founder of Department of Mechanical Education, College of the Technical Education, Firat University, Elazig, Turkey

02.03.1984 - 31.12.1984	Vice Chairman of the Department of the Mechanical Engineering, Firat University, Elazig, Turkey
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5. Continuing Education

Date	Institution	Location	Position	Description
November 1, 2005	ABET	Cincinnati, OH	Attending to ABET Program Evaluator (PEV) Seminar	ABET, The Accreditation Board for Engineering and Technology, Inc.
October 11, 2005	Three Rivers PTC/USER Group	Monroeville, PA	Research Scholar	Master Models, Wildfire 3.0 Preview, Intralink 8.0, Dynamic Enterprise Publishing.
May 4-6 2005	University of Arkansas at Little Rock	Little Rock, AR	Speaker	Global Educational Technology Symposium
April 19, 2005	Three Rivers PTC/USER Group	Monroeville, PA	Research Scholar	Advanced CAD tools, valuable real-world insights, fresh ideas, and innovative for manufacturing operations.
December 13-17, 2004	PTC Precision Learning Partner	Alpharetta (Atlanta), GA	Research Scholar	Proficient with Pro/ENGINEER Wildfire 2.0. It was focused on learning core-modeling skills in the comprehensive, hands-on course. Topics include sketching, part modeling, assemblies, drawings, and basic model management techniques, comprehensive design project, by creating realistic parts, assemblies, and drawings.
July 1995	Oklahoma State University, International Vocational Teacher Educator Institute	Oklahoma City, OK	Research Fellow	-Computer System Application -Curriculum Development
March-December 1990	Indiana and Purdue Universities	Bloomington and West Lafayette, IN	Technical Teacher Training and Computer Application	YÖK/World Bank Second Industrial Training Project, -Teacher Training -Measurement and Evaluation -Curriculum Development -Educational Statistics, Programming software (SPSS, AutoCAD, C etc).
June – August 1976	Military Factory	Kayseri, Turkey	Trainee	Engine repair work
January - May 1975	Vocational High School	Elazig, Turkey	Trainee	Engine repair work
July – November 1975	German Railroad authority in	Kassel, Germany	(IEASTE International Association for	Various types of mechanical shop work

Date	Institution	Location	Position	Description
			Exchanges, Fellow)	
August – November 1973	Machine Factory	Gersthofen, Germany	Trainee	Various types of mechanical shop work

6. Teaching

6.1. The courses were taught at Sam Houston State University, US

DFSC 1317	Introduction to Digital Forensics and Information Assurance	Fall 2013	Undergraduate
COSC 5301	Quantitative Foundations of Computer Science	Fall 2018 & Spring 2019	Graduate (Online)
COSC 5302	Computer Science Core Topics	Spring 2019	Graduate (Online)

6.2. The courses were taught at Firat University and Siirt University (Turkey)

(at various interval/frequency from 1979 to 2015).

Undergraduate	Graduate
Algorithm and Programming	Distance Education
Software Engineering	Mechatronics
Programming Languages	Simulation (ARENA)
Numerical Analysis and MATLAB	Measurements Techniques in Hydraulics & Pneumatics
Robotics	AutoCAD
Vocational English	

6.3. Courses taught in English at Firat University (from 2015 to 2020)

SENG 541	Special Topics in Software Engineering	Spring 2020 Fall 2019	Graduate
SENG 547	Robotic and Programming	Fall 2019	Graduate
GSS 610	Scientific Research Methods	Spring 2020 Fall 2019 Spring 2019 Fall 201, Spring 2018	Graduate
YMT 511	Advance Computer Network	Spring 2019 Fall 2016 Spring 2016 Spring 2015	Graduate
YMT 549	Digital Forensics	Spring 2019 Fall 2018 Spring 2017 Fall 2016 Spring 2015	Graduate
SENG 540	Engineering Software Applications	Spring 2016	

6.4. The courses were taught at West Virginia University, US
(from 2004 to 2005)

Undergraduate
Analysis-Engineering Systems (Numerical Methods)
Pro/Engineer
Advanced Mechatronics
Statics

7. Honors and Awards

Year	Remarks
2016	Recognition Award for Asaf Varol who has been dully recognized for his leadership as founder of the International Symposium on digital Forensics and Security /ISDFS 2016).
2016	Sam Houston State University, Special Recognition Award, for Asaf Varol; for collaboration in dual academic degrees between Software Engineering Department in the college of Technology at firat University, Turkey and the Department of Computer Science in the College of Sciences at Sam Houston State University.
2011	Council of Higher Education of Turkey (YOK) Scholarship for research on Supersonic Wind Turbine and Simulations (3 months)
2000-2013	Received various awards in the area of social relations for contributing to regional activities.
1998	DAAD Scholarship for research on Robotics and Distance Education, Bremen University, Bremen, Germany (2 months)
1995	International Vocational Teacher Educator Institute (IVTEI) award for training at College of Education, Oklahoma State University, USA
1990	World Bank & Higher Education Council of Turkey Scholarship for continuing education at Indiana University (Bloomington) & Purdue University (West Lafayette), USA (9 months)
1980-1982	DAAD (German) Scholarship for continuing Ph.D. at Karlsruhe University, Karlsruhe, Germany (2 years)
1977	Honors, Best student, Dept. of the Mechanical Engineering, Elazig, Turkey
1975	IAESTE Scholarship for training in Kassel, Germany (3 months)

8. Membership of Professional Organization

- IEEE, The Institute of Electrical and Electronics Engineers
- Association of Software and Cyber Security
- Turkey Information Association (TBD), Elazig Branch
- ASPA, American Society for Public Adminstration (passed)
- ACM Association for Computing Machinery (passed)
- Member of the National Informatics Committee of Higher Education Council of Turkey (passed)
- Member of the Promotion Committee in Branch of the Vocational and Technical Education of Higher Education Council in Turkey (passed)
- Association of DAAD (Deutscher Akademischer Austauschdienst), Germany
- Association of Machine Design and Manufacturing (MATİM), Turkey (passed)
- Association of Information Technology (TBD) (passed)
- TÜBİTAK-MAM (Turkish National Science Foundation), Turkey (passed)
- ASME American Society of Mechanical Engineering (passed)
- HABITAT (passed)

9. Service to Profession:

Organized a number of symposiums and regional meetings

Event Names	Abbreviation	Dates	Place
8 th International Symposium on Digital Forensics and Security	ISDFS'20	June 01-02, 2020 Will be held in 2020	Arab Open University, Beirut, Lebanon http://www.isdfs.org
1 th International Informatics and Software Engineering Conference	UBYMK'19	November 6-7, 2019	Turkey informatics association, BTK, Ankara https://ubymk.tbdakademi.org.tr/en/
7 th International Symposium on Digital Forensics and Security	ISDFS'19	June 10-12, 2019	Polytechnic Institute of Cavado and Ave, Portugal
6 th International Symposium on Digital Forensics and Security	ISDFS'18	March 22-25, 2018	Firat University, Turkey
5 th International Symposium on Digital Forensics and Security	ISDFS'17	April 26-28, 2017	Petru Maior University, Turgu Mureş, Romania
4 th International Symposium on Digital Forensics and Security	ISDFS'16	April 25-27, 2016	University of Arkansas at Little Rock /UALR), US
3 th International Symposium on Digital Forensics and Security	ISDFS'15	May 11-12, 2015	Gazi University, Ankara/Turkey
2 nd International Symposium on Digital Forensics and Security	ISDFS'14	May 12-13, 2014	Sam Houston State University, Texas, US
1 st International Symposium on Digital Forensics and Security	ISDFS'13	May 20-21, 2013	Firat University, Elazig/Turkey
6 th International Advanced Technologies Symposium	IATS'11	May 16-18, 2011	Firat University, Elazig/Turkey
5 th Regional Meeting on Introduction to Eastern Anatolian Project (EAP)	EAP	May 03, 2001	Malatya/Turkey
4 th Regional Meeting on Introduction to Eastern Anatolian Project (EAP)	EAP	May 05, 2001	Tunceli/Turkey
3 rd Regional Meeting on Introduction to	EAP	August 02, 1999	Inonu University, Malatya/Turkey

Event Names	Abbreviation	Dates	Place
Eastern Anatolian Project (EAP)			
2 nd Regional Meeting on Introduction to Eastern Anatolian Project (EAP)	EAP	June 01-03, 1999	Yuzuncu Yil University, Van/Turkey
1 st Regional Meeting on Introduction to Eastern Anatolian Project (EAP)	EAP	April 29-30, 1999	Kafkas University, Kars/Turkey
Symposium on Current Sitaition and Analysis of Eastern Anatolian Project (EAP)	SCSAEP'98	December 03-05, 1998	Firat University, Elazig/Turkey
Symposium on Eastern Anatolian Project During the Republic Period	SEAPDRP'98	October 20-22, 1998	Firat University, Elazig/Turkey
International Education Symposium of Turkey, Turkic Republics and Asian-Pacific Countries	IEST-TRAPC'97	September 24-26, 1997	Firat University, Elazig/Turkey

Editorial Member of the Journal

- International Journal of Political Science and Development

Peer Reviewer for the following Journals

- Journal of Information Security and Applications, Elsevier
- Forensic Science International, Elsevier
- Journal of King Saud University - Computer and Information Sciences, Elsevier
- Applied Computing and Informatics, Elsevier
- External Jury members of promoting sabbatical issues
- International Journal of Economic and Business Management
- Rhodes University, External Examiner for Master Degree
- Turkish Journal of Electrical Engineering & Computer Sciences
- Global Business & Finance Review, World Conference on Business&Management (WCBM)
- Completed the evaluation of 1 proposal on COST Open Call OC-2015-1 in the role of Independed External Expert, COST Association, Avenue Louise 149, 1050 Brussels, Belgium,
- AICIT-The International Association for Information, Culture, Human and Industry Technology
- IJIP-International Journal of Intelligent Information Prosessing
- AISS-Advances in Information Sciences and Service Sciences
- Journal of Wind Engineering and Industrial Aerodynamics
- International Journal on Computers and Electrical Engineering
- Computers & Electrical Engineering
- AutoSoft Journal
- The Turkish Online Journal of Distance Education – TOJDE
- Pamukkale University, Engineering Faculty, Journal of Engineering Science
- Gazi University Journal of Industrial Art Education Faculty
- Journal of Polytechnic of Faculty of Technical Education of Gazi University

- Journal of Scientific Research Foundation, Periodical, published three times per year
- Automation Periodical, published monthly
- Industrial Technology, Periodical, published four times per year.
- Editor for the book Regional Development of 8th Five Years Development Plan of State Planning Organization, Ankara, /TURKEY

10. Language skills

Language	Reading	Speaking	Writing
English	excellent	excellent	excellent
German	excellent	excellent	excellent
Turkish	excellent	excellent	excellent

11. Grant Projects

Projects	Date from- Date to
Extracting VOIP Data from Temporary memories, Firat University, Research Funds, Project number: FÜBAP-TEKF.17.07, Budget: (12.000 ₺=\$3.300)	2015- 2017
Implementation of IT Infrastructure of International Software Engineering Department, FÜBAP-TEKF.12.08, Budget: (75.800,00 Turkish Lira= \$39.274)	2012- 2013
Project Coordinator, Finger Vein Recognition Technology, Firat University, Research Funds, Project Number: FÜNAF 2011/2-38, Budget: \$2900	2011-2013
Project Coordinator, Determination of the relationship between biochemical parameters and 2D:4D Finger Lengths' Rate Using Expert System, Firat University, Research Funds, Project Number: FÜNAF 2010/4-15, Budget: \$2200	2010-2012
Project Coordinator, Educational Project of Project Management and Knowledge Consultation at Primary and Secondary Schools, applied on June 16-26, 2008, Supported by TÜBİTAK, Budget: \$40.000	June 16-26, 2008
Reporter of the Project called the elimination of the worst forms of child labor that supported by Ministry of Labor and Social Security and İLO, 2007, Budget: \$3.000.	2007
Project Coordinator of the Project called the elimination of the worst forms of child labor that supported by Ministry of Labor and Social Security and İLO, 2007, Budget: \$100.000	2006-2007
Principle Investigator for the Projects called "Developing Projects of the cities Elazig, Tunceli, Bingol, Mus, Bitlis and Siirt". These projects are supported by the Governorships of cities. Budget \$100.000. There are about 20 different sectors that we investigated like Technical and Vocational Education, Industry and Services, Energy, Financial Structure and Banking, Construction and Trade, Transportation and Communication, etc.	2001-2004
Project coordinator for Survey on the Demand Guess Studying of Natural Gas of the Company BOTAS (Petroleum Pipeline Corporation) Budget: \$40.000	2002-2003
Automation on Web Based Distance Education, Firat University, Research Funds, Project Number: FÜNAF 537, \$1750	2001
Project coordinator, Developing a Software for CAE, Firat University, Research Funds, Project Number: FÜNAF 536, \$1500	2001
Coordinator for Questionnaire Application in Eastern and South Eastern Anatolia Region of Turkey, which was conducted in May 2000. The outcome of these surveys was used for the 8 th Five Years Development Plan. Budget: \$235.000.	2000

Projects	Date from- Date to
I managed 135 experts who applied the surveys in the 18 Cities in the Eastern and South Eastern Anatolia. I evaluated the surveys using statistical software like SPSS etc and prepared final report.	
Principle Coordinator for the project entitled "East Anatolia Development Project"; This project was supported by the Turkish Republic, Primary Ministry, State Planning Organization. Budget \$ 4.000.000. I coordinated the whole project. About 500 Experts (Professor, Assoc. Prof. Assist. Prof., Instructors, Teachers etc.) worked on these projects. I managed the teams and experts. It involved more then 20 different sectors like Education, Health, Industry and Services, Culture and Tourism. The project consisted of four major phases: current status, need analysis, pre-feasibility studies and Master Plan. A comprehensive report of 20000 pages in English and Turkish was prepared and published on the web	1998-2000
Principle Investigator, Computer Aided Education Projects, Technical Teacher Training, Ministry of the National Education. \$350.000 We trained teachers who worked at different High Schools and Vocational High Schools. We taught them how to develop curricula using modern teaching technologies and how to evaluate the success of the students.	1995-1998
Computer Evaluation of Air Pollution originated from the vehicles, Governor of City Elazig, Budget: \$160.000,	1994-1996
Coordinator, Systems of Computer Technology, YOK/World Bank Second Industrial Training Project/TURKEY. Budget: \$300.000	1994 - 1995
Project Coordinator, Controlling of Satellite Dishes and Broadcast the Television Programs, Fırat University, Research Funds, Project Number: FÜNAP 56, Budget: \$2000	1993

12. Graduate students advised

36 MS students (seven of them are foreign students) and 2 PhD. students graduated on various topics.

Supervised PhD Thesis

1. **Mehmet Ali İŞIKSOLUĞU**, Benzin Motorlarında Yakıt Düzenleyici Cihazın Egzoz Emisyonu ve Yakıt Tüketimine Etkisi, Doktora Tezi, Fırat Üniversitesi, Fen Bilimleri Enstitüsü, 1993
2. **Muhammed Emre ÇOLAK**, Uzaktan Eğitim Sınavları İçin Web Kamerası Aracılığıyla Kopya Tespitinin Modellenmesi, Doktora Tezi, Fırat Üniversitesi, Fen Bilimleri Enstitüsü, 2020

Supervised Master Thesis

1. **Raha KHAKIKHOUEİ**, Makine Öğrenme Yöntemleri ile Bitcoin Fiyat Analizi, Yüksek Lisans Tezi, Fırat Üniversitesi, Fen Bilimleri Enstitüsü, 2020
2. **Payman MOHAMMED HASAN**, Developing Additional Features Into ILIAS Web-Based Learning Management System, Master Thesis, Fırat University the Institute of Natural and Applied Sciences, 2017
3. **Hussein Farooq Tayeb AL SAADAWI**, Digital Forensic Analysis for VOIP, Master Thesis, Fırat University the Institute of Natural and Applied Sciences, 2017
4. **Chia Fatah AZİZ**, Gesture Learner Machine for Recognizing Symbols and Numbers, Master Thesis, Fırat University the Institute of Natural and Applied Sciences, 2017
5. **Bnar Azad H.AMEEN**, Lip Recognition Using OpenCV, Master Thesis, Fırat University the Institute of Natural and Applied Sciences, 2017
6. **Nihat ÖZDEMİR**, Sıra Tabanlı Oyunlarda Karar Teoremi Yardımı ile Davranış Seçimi ve Deneyim Kazanma Modeli, Yüksek Lisans Tezi, Fırat Üniversitesi Fen Bilimleri Enstitüsü, 2016
7. **Ramazan DEMİR**, Suç Haritası ve İlişkisel Suç Analizi Üzerine Bir Uygulama, Yüksek Lisans Tezi, Fırat Üniversitesi Fen Bilimleri Enstitüsü, 2016
8. **Suad Haji Ahmed OMAR**, Biometric System Based on Face Recognition System, Master Thesis, Fırat University the Institute of Natural and Applied Sciences, 2016

9. **Muhammed Emre ÇOLAK**, MapReduce ile Metasezgisel Optimizasyon, Yüksek Lisans Tezi, Fırat Üniversitesi Fen Bilimleri Enstitüsü, 2015
10. **Naveed AHMED**, A New Multi-Modal Biometric System Based On Fingerprint And Finger Vein Recognition, Master Thesis, Fırat University Institute Of Natural And Applied Sciences, 2014
11. **Gülşah AKKAN**, Sayısal Kanıt İşlemlerinin Analizi, Yüksek Lisans Tezi, Fırat Üniversitesi Fen Bilimleri Enstitüsü, 2013
12. **Mustafa KUTUKIZ**, Bir Uzman Sistem Yardımıyla Kanser Hücrelerinin Belirlenmesi , Yüksek Lisans Tezi, Fırat Üniversitesi Fen Bilimleri Enstitüsü, 2014
13. **Mehmet Mehdi KARAKOÇ**, Şeker Hastaları İçin Cep Telefonlarında Kullanılabilecek Bir Uzman Sistem Tasarımı, Yüksek Lisans Tezi, Fırat Üniversitesi Fen Bilimleri Enstitüsü, 2013
14. **Songül ŞAN**, Parmak Damar Tanıma Teknolojisi, Yüksek Lisans Tezi, Fırat Üniversitesi Fen Bilimleri Enstitüsü, 2013
15. **Özgür AYDIN**, Otomatik Yönlendirmeli Araçlarda Yörünge Kontrolü, Yüksek Lisans Tezi, Fırat Üniversitesi Fen Bilimleri Enstitüsü, 2010
16. **Betül CEBE**, 2D:4D Parmak Uzunlukları Oranı İle Kişilerin Sayısal-Sözel Dallara Yatkinlıkları Arasındaki İlişkinin Uzman Sistem İle Tespiti, Yüksek Lisans Tezi, Fırat Üniversitesi Fen Bilimleri Enstitüsü, 2011
17. **Ali Murat GARİPCAN**, Elektronik Ticaret Amaçlı Yeni Bir Yazılımın Geliştirilmesi ,Yüksek Lisans Tezi, Fırat Üniversitesi Fen Bilimleri Enstitüsü, 2011
18. **Seda İŞGÜZAR**, Sanal Robotik Laboratuvarı İçin SCORBOT-Er Uygulaması, Yüksek Lisans Tezi, Fırat Üniversitesi Fen Bilimleri Enstitüsü, 2010
19. **Sevinç AY**, Görme Engelliler İçin Yeni Bir Arayüz Tasarımı, Yüksek Lisans Tezi, Fırat Üniversitesi Fen Bilimleri Enstitüsü, 2009
20. **Zeynep ÖZER**, Ajax Teknolojisi Kullanılarak Online Katalog Tasarımı, Yüksek Lisans Tezi, Fırat Üniversitesi Fen Bilimleri Enstitüsü, 2009
21. **Derya AVCI**, İnsanlarda Görülen Parazit Yumurtalarının Otomatik Sınıflandırılması İçin Bir Uzman Sistem Tasarımı , Yüksek Lisans Tezi, Fırat Üniversitesi Fen Bilimleri Enstitüsü, 2008
22. **Ömer DURSUN**, Meteorolojik Verilerin Veri Madenciliği İle Değerlendirilmesi, Yüksek Lisans Tezi, Fırat Üniversitesi Fen Bilimleri Enstitüsü, 2005
23. **Yusuf YALÇIN**, Fırat Üniversitesi Elemanları İçin Yeni Bir Uzaktan Eğitim Sisteminin Tasarımı ve Modellenmesi, Yüksek Lisans Tezi, Fırat Üniversitesi Fen Bilimleri Enstitüsü, 2005
24. **Ferhat BAĞÇACI**, Web Tabanlı Programla Dillerinin Değerlendirilmesi ve Yeni Bir Arayüz Tasarımı, Yüksek Lisans Tezi, Fırat Üniversitesi Fen Bilimleri Enstitüsü, 2005
25. **Hakan ÇAKAR**, Bilgisayar Ağ Güvenliği ve Güvenlik Duvarları, Yüksek Lisans Tezi, Fırat Üniversitesi Fen Bilimleri Enstitüsü, 2005
26. **Yalınkılıç TÜREL**, Sanal Sınıf Oluşturması, Yüksek Lisans Tezi, Fırat Üniversitesi Fen Bilimleri Enstitüsü, 2003
27. **Resul DAŞ**, Videokonferans Sistemi Tasarımı, Yüksek Lisans Tezi, Fırat Üniversitesi Fen Bilimleri Enstitüsü, 2002
28. **Murat KARABATAK**, WEB'e Dayalı Uzaktan Eğitimde Otomasyon, Yüksek Lisans Tezi, Fırat Üniversitesi Fen Bilimleri Enstitüsü, 2002
29. **Erkan TANYILDIZI**, Bilgisayar Destekli Yazılım İçin Uygun Bir Yazılımın Geliştirilmesi, Yüksek Lisans Tezi, Fırat Üniversitesi Fen Bilimleri Enstitüsü, 2002
30. **Yavuz Selim AYDIN**, Prolog Programlama Dili İle Makine Mühendisliği Alanında Uzman Sistemlerin Hazırlanması Teknikleri, Yüksek Lisans Tezi, Harran Üniversitesi Fen Bilimleri Enstitüsü, 1998
31. **Metin KÖK**, CNC Freze Tezgahlarında İşlenecek Parçaların Bilgisayarda Simülasyonu, Yüksek Lisans Tezi, Fırat Üniversitesi Fen Bilimleri Enstitüsü, 1996
32. **Diñçer BURAN**, Kuyulardan Enjektörlü Pompa İle Su Çekilmesi, Yüksek Lisans Tezi, Fırat Üniversitesi Fen Bilimleri Enstitüsü, 1990
33. **Cumali İLKILIÇ**, Rüzgar Enerjisinin Mekanik Enerjiye Dönüştürülmesi, Yüksek Lisans Tezi, Fırat Üniversitesi Fen Bilimleri Enstitüsü, 1990
34. **Mehmet ESEN**, Pnömatik Katı Taşınımında Aşınmanın Boya Yöntemi İle Saptanması , Yüksek Lisans Tezi, Fırat Üniversitesi Fen Bilimleri Enstitüsü, 1989
35. **Aydın DURMUŞ**, Siklon Ayırıcıların Teorik ve Deneysel İncelenmesi, Yüksek Lisans Tezi, Fırat Üniversitesi Fen Bilimleri Enstitüsü, 1989
36. **İbrahim UZUN**, Eksenel Vantilatörlerin Deneysel Bulgularla Boyutlandırılması, Yüksek Lisans Tezi, Fırat Üniversitesi Fen Bilimleri Enstitüsü, 1989

13. Programming Skills and Used Software

Algorithm Techniques, Java Programming Languages, Visual Basic, C++, Pascal, FORTRAN, SQL, Dbase, AutoCAD, ARENA, MATLAB, Pro/Engineer, Python, SPSS.

14. Other Skills

I have used various instruments for Educational Technology (Video Conferencing, projectors, data shows, overhead, typewriter, facsimile, TV broadcasting systems, video cameras etc.). I am using Blackboard, Schoology and LMS to teach online courses in Turkey and in the USA.

15. Other relevant information

European Program Activities:

LLP-Erasmus, Teaching Assignment Mobility, February, 12-13, 2020 IPCA - Instituto Politecnico do Cavado e do Ave, Portugal

LLP-Erasmus, Teaching Assignment Mobility, September 23-25, 2015, Participating in the Industrial Workshop on COMSOL and Open FOAM@KTH, KTH Royal Institute of Technology, SE-100 44 Stockholm, Sweden

LLP-Erasmus, Teaching Assignment Mobility, April 29- May 03, 2014, University of Sunderland, UK

LLP-Erasmus, Teaching Assignment Mobility, March 11-14, 2014, IPCA - Instituto Politecnico do Cavado e do Ave, Portugal

LLP-Erasmus, Teaching Assignment Mobility, June 19-22, 2013, Petru Maior University, Tigru Mures, Romania.

Attended the International Summer School on Computer-Based Cognitive Tools for Teaching and Learning, 1-13 August, 1994, Side/Turkey

Attended the International Summer School on Computer-Based Cognitive Tools for Teaching and Learning, 14-25 August, 1995, Izmir/Turkey

Attended the International Workshop on Computer-based Cognitive Tools in Teacher Education, Cesme Altinyunus Hotel, 4th – 7th June 2001, Izmir, Turkey

Publications in International Refereed Journals:

1. Title: Easymatch-An Eye Localization Method for Frontal Face Images Using Facial Landmarks
Author(s): Colak, Muhammed Emre., Varol, Asaf
Source: Technical Gazette, Vol. 27 No. 1, 2020, Pages: 205-212
2. Title: Weissenberg And Williamson Mhd Flow Over A Stretching Surface With Thermal Radiation And Chemical Reaction
Author(s): Ali, Karmina K.; Varol, Asaf
Source: JP Journal of Heat and Mass Transfer, VOL 18, NO 1, Pages: 57-71 Published: 2019
3. Title: Distance Education Features using Facebook
Author(s): Dhyab, Rozhgar; Varol, Asaf
Source: International Journal of Interactive Mobile Technologies (IJIM), VOL 12, NO 6, Pages: 19-34 Published: 2018
4. Title: Mobile Technologies for Mobile Learning: Developmental Process Review
Author(s): Yildirim, Nilay; Varol, Asaf
Source: International Journal of Computer Science and Mobile Computing , VOL 6, ISSUE 12, Pages: 34-43
Published: 2017
5. Title: Review of Evidence Collection and Protection Phases in Digital Forensics Process
Author(s): Ulgen Sonmez, Yesim ; Varol, Asaf
Source: IJISS International Journal of Information Security Science, VOL 6, ISSUE 4

6. Title: Research on Retinal and Iris Identification Systems
Author(s): Ulgen Sonmez, Yesim ; Varol, Asaf
Source: European Journal of Engineering and Natural Sciences , VOL 2, ISSUE 1, Pages: 167-180 Published: 2017
7. Title: A Schematic Overview of Securing Precision Medicine Data with a DNA Database System
Author(s): Conley, Shannon; Kaya, Mehmet ; Varol, Asaf
Source: Turkish Journal of Science & Technology , VOL 12, ISSUE 1, Pages: 25-32 Published: 2017
8. Title: A New Approach for Lip Recognition
Author(s): Azad, Bnar; Varol, Asaf
Source: International Journal of Engineering Research & Technology (IJERT), VOL 6, ISSUE 01, Pages: 288-293
Published: January 2017.
9. Title: Optimization with Map Reduce and CWW Algorithm
Author(s): Çolak, Muhammed Emre; Varol, Asaf
Source: International Journal of Advances in Electronics and Computer Science, VOL 3, ISSUE 9, Pages: 78-81
Published: Sep-2016
10. Title: Warning System for Drivers According to Attention and Meditation Status Using Brain Computer Interface
Author(s): Yıldırım, Nilay; Varol, Asaf
Source: International Journal of Advances in Electronics and Computer Science, VOL 3, ISSUE 9, Pages: 49-53
Published: Sep-2016
11. Title: Android Based Mobile Application Development for Web Login Authentication Using Fingerprint Recognition Feature
Author(s): Yıldırım, Nilay; Varol, Asaf
Source: International Journal of Computer Science and Mobile Computing, VOL 5, ISSUE 10, Pages: 61-68
Published: 2016
12. Title: National Distribution Project and Pardus Operating System
Author(s): Karakoç, Mehmet Mehdi; Varol, Asaf
Source: Turkish Journal of Science & Technology, VOL 11, ISSUE 2, Pages: 25-34 Published: 2016
13. Title: Comparison of Pattern Matching Techniques on Identification of Same Family Malware
Author(s): Mastjik, Ferdiansyah; Varol, Cihan; Varol, Asaf
Source: International Journal of Information Security Science, VOL 4, ISSUE 3, Pages: 104-111 Published: 2015
14. Title: A Game Development for Android Devices Based on Brain Computer Interface: Flying Brain
Author(s): Yıldırım, Nilay; Ulas, Mustafa; Varol, Asaf
Source: International Journal of Advances in Computer Science & Its Applications– IJCSIA, VOL 5, ISSUE 2, Pages: 247-251 Published: 30 October, 2015
15. Title: A Novel Intelligent Optimization Algorithm Inspired from Circular Water Waves
Author(s): Colak, Muhammed Emre; Varol, Asaf
Source: ELEKTRONIKA IR ELEKTROTEHNIKA, VOL 21, ISSUE 5 Pages: 3-6 Published: 2015
16. Title: THE MOST COMMON VULNERABILITIES AND OPEN SOURCE PREVENTION SOFTWARE
Author(s): Karakoc, Mehmet Mehdi; Ulas, Mustafa; Varol, Asaf
Source: International Journal of Advanced Computational Engineering and Networking, VOL 3, ISSUE 5 Pages: 19-26 Published: May-2015
17. Title: Transformational and Transactional Leaders; a Case Study in the Higher Education
Author(s): Varol, Asaf; Varol, Serkan
Book Editor(s): Chaparro, Fernando
Conference: 9th International Conference on Intellectual Capital, Knowledge Management and Organisational Learning (ICICKM) Location: The Universidad Del Rosario and the Universidad Jorge Tadeo Lozano Bogotá, Colombia Date: OCT 18-19, 2012
Source: PROCEEDINGS OF THE 9TH INTERNATIONAL CONFERENCE ON INTELLECTUAL CAPITAL, KNOWLEDGE MANAGEMENT AND ORGANISATIONAL LEARNING, VOLS 1 AND 2 Pages: 279-285 Published: 2012
18. Title: Human Capital Organization of Hospital Management
Author(s): Varol, Asaf
Book Editor(s): Ribiere, V; Worasinchai, L

Conference: 8th International Conference on Intellectual Capital, Knowledge Management and Organisational Learning (ICICKM)
Location: Bangkok Univ, Inst Knowledge & Innovat SE Asia (IKI-SEA), Bangkok, THAILAND Date: OCT 27-28, 2011
Source: PROCEEDINGS OF THE 8TH INTERNATIONAL CONFERENCE ON INTELLECTUAL CAPITAL, KNOWLEDGE MANAGEMENT AND ORGANISATIONAL LEARNING, VOLS 1 AND 2 Pages: 580-586 Published: 2011

19. Title: Social Network Analysis: A Case Study in Turkey
Author(s): Varol, Asaf; Aydin, Ozgur
Book Editor(s): Tsui, E Conference: 7th International Conference on Intellectual Capital, Knowledge Management and Organisational Learning Location: Hong Kong Polytechn Univ, Hong Kong, PEOPLES R CHINA Date: NOV 11-12, 2010
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20. Title: An expert diagnosis system for classification of human parasite eggs based on multi-class SVM
Author(s): Avci, Derya; Varol, Asaf
Source: EXPERT SYSTEMS WITH APPLICATIONS Volume: 36 Issue: 1 Pages: 43-48 DOI: 10.1016/j.eswa.2007.09.012 Published: JAN 2009
21. Title: Combined convection in inclined porous lid-driven enclosures with sinusoidal thermal boundary condition on one wall
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Source: PROGRESS IN COMPUTATIONAL FLUID DYNAMICS Volume: 9 Issue: 2 Pages: 127-131 Published: 2009
22. Title: Free convection heat transfer and flow field in triangular enclosures filled with porous media
Author(s): Varol, Yasin; Oztop, Hakan R.; Varol, Asaf
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23. Title: An expert Discrete Wavelet Adaptive Network Based Fuzzy Inference System for Digital Modulation Recognition
Author(s): Avci, Engin; Hanbay, Davut; Varol, Asaf
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24. Title: Effects of thin fin on natural convection in porous triangular enclosures
Author(s): Varol, Yasin; Oztop, Hakan F.; Varol, Asaf
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Author(s): Varol, Yasin; Oztop, Hakan F.; Varol, Asaf
Source: INTERNATIONAL COMMUNICATIONS IN HEAT AND MASS TRANSFER Volume: 34 Issue: 1 Pages: 19-27 DOI:10.1016/j.icheatmasstransfer.2006.09.004 Published: JAN 2007
26. Title: A one dimensional mathematical model for urodynamics
Author(s): Celik, Ismail B.; Varol, Asaf; Bayrak, Coskun; et al.
Book Group Author(s): ASME Conference: 5th Joint ASME/JSME Fluids Engineering Summer Conference Location: San Diego, CA Date: JUL 30-AUG 02, 2007
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Author(s): Varol, A; Ilkilic, C; Varol, Y

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Author(s): VAROL, A
Book Editor(s): GRAYSON, LP Conference: 21ST ANNUAL CONF ON FRONTIERS IN EDUCATION
Location: PURDUE UNIV, W LAFAYETTE, IN Date: SEP 21-24, 1991
Sponsor(s): IEEE, EDUC SOC; AMER SOC ENGN EDUC, DIV EDUC RES & METHODS
Source: FRONTIERS IN EDUCATION: ENGINEERING EDUCATION IN A NEW WORLD ORDER Pages: 196-201
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32. Varol, A.: „Die Kombination von Strahl- und Lufthebepumpe“, Deutsche Hebe- und Fördertechnik, Bundesrepublik Deutschland, 12(1986), Dezember 1986, pp.48-54

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2. İbrahim, H., Varol, A., A Study on Automatic Speech Recognition Systems, *2020 8th International Symposium on Digital Forensics and Security (ISDFS)*, 2020, IEEE
3. Ali, C. T. H., Varol, A., Design and Implementation of a Simple Online Court Case Management System Based on the Android Platform, *2020 8th International Symposium on Digital Forensics and Security (ISDFS)*, 2020, IEEE
4. Raza, M. R., Varol, A., QoS Parameters for Viable SLA in Cloud, *2020 8th International Symposium on Digital Forensics and Security (ISDFS)*, 2020, IEEE
5. Mustafa, T., Varol, A., Review of the Internet of Things for Healthcare Monitoring, *2020 8th International Symposium on Digital Forensics and Security (ISDFS)*, 2020, IEEE
6. Danbatta, S. J., Varol, A. Predicting Student's Final Graduation CGPA Using Data Mining and Regression Methods: A Case Study of Kano Informatics Institute, *2020 8th International Symposium on Digital Forensics and Security (ISDFS)*, 2020, IEEE
7. Raza, M. R., Varol, A., Varol, N., Cloud and Fog Computing: A Survey to the Concept and Challenges, *2020 8th International Symposium on Digital Forensics and Security (ISDFS)*, 2020, IEEE
8. Sönmez, Y. Ü., Varol, A. In-Depth Analysis of Speech Production, Auditory System, Emotion Theories and Emotion Recognition, *2020 8th International Symposium on Digital Forensics and Security (ISDFS)*, 2020, IEEE
9. Abdullah, A. S., Varol, A. Smart Home Automation Using Internet of Things (IoT), *2nd International Turkish World Engineering and Science Congress*, November 7-10, 2019, Türkiye
10. Inuwa, M. M., Varol, A., "Intencity of Misconception in Software Engineering," *2019 1st International Informatics and Software Engineering Conference (UBMYK)*, 5-7 November 2019, Pages: 1-6, Ankara
11. Durmus, O., Varol, A., Varol, N., "Infrastructure Requirements for Cybersecurity," *2019 1st International Informatics and Software Engineering Conference (UBMYK)*, 5-7 November 2019, Pages: 1-5, Ankara
12. Gitmez, M., Karabatak, M., Varol, A., "Comparison of Classification Algorithms on Optical Burst Switching Network Data," *2019 1st International Informatics and Software Engineering Conference (UBMYK)*, 5-7 November 2019, Pages: 1-4, Ankara
13. Basheer, M. M., Varol, A., "An Overview of Robot Operating System Forensics," *2019 1st International Informatics and Software Engineering Conference (UBMYK)*, 5-7 November 2019, Pages: 1-4, Ankara

14. Colak, M. E., Varol, A. "An Eye Localization Method for Frontal Face Images," *2019 1st International Informatics and Software Engineering Conference (UBMYK)*, 5-7 November 2019, Pages: 1-4, Ankara
15. Karakoc, M., M., Varol, A., An Analogy For Basic Computer Block System: Furniture Factory, 4th International Conference on Advances in Natural & Applied Science, 19-22 June 2019, Ağrı, Turkey
16. Sönmez, Y., Ü., Varol, A., New Trends in Speech Emotion Recognition, The 7th International Symposium on Digital Forensics and Security (ISDFS), 10-12th June 2019, Barcelos, Portugal
17. Mshir, S., Varol, A., A New Model for Creating Layer Planes Using Steganography for Text Hiding, The 7th International Symposium on Digital Forensics and Security (ISDFS), 10-12th June 2019, Barcelos, Portugal
18. Yıldırım, N., Varol, A., A Research on Security Vulnerabilities in Online and Mobile Banking Systems, The 7th International Symposium on Digital Forensics and Security (ISDFS), 10-12th June 2019, Barcelos, Portugal
19. Danbatta, S., J., Varol, A., Comparison of Zigbee, Z-Wave, Wi-Fi, and Bluetooth Wireless Technologies Used in Home Automation, The 7th International Symposium on Digital Forensics and Security (ISDFS), 10-12th June 2019, Barcelos, Portugal
20. Khalaf, R., S., Varol, A., Digital Forensics: Focusing on Image Forensics, The 7th International Symposium on Digital Forensics and Security (ISDFS), 10-12th June 2019, Barcelos, Portugal
21. Peshraw, A., A., Varol, A., Advantages to Disadvantages of Cloud Computing for Small-Sized Business, The 7th International Symposium on Digital Forensics and Security (ISDFS), 10-12th June 2019, Barcelos, Portugal
22. Ilyasu, Y., A., Varol, C., Varol, A., Problems and Prospects of Anti-Theft and Mobile Phone Tracking: A case in Nigeria, The 7th International Symposium on Digital Forensics and Security (ISDFS), 10-12th June 2019, Barcelos, Portugal
23. Sönmez, Y., Ü., Varol, A., Legal and Technical Aspects of Web Forensics, The 7th International Symposium on Digital Forensics and Security (ISDFS), 10-12th June 2019, Barcelos, Portugal
24. Varol, A., Fırat Üniversitesi İle Sam Houston State Üniversitesi Arasında Yürütülen Çift Diploma Programı, Fatih Projesi Eğitim Teknolojileri Zirvesi, 2-3 November 2018, Ankara, Turkey
25. Ahmed, B., T., Varol, A., Varol, N., A Review of Internet of Things (IOT) Systems in Terms of Security, Fatih Projesi Eğitim Teknolojileri Zirvesi, 2-3 November 2018, Ankara, Turkey
26. Mohammed, B., A., Varol, A., Protecting The Privacy of Information On Mobile Devices (Cell Phones), Fatih Projesi Eğitim Teknolojileri Zirvesi, 2-3 November 2018, Ankara, Turkey
27. Kaya, M., Conley, S., Othman, Z., S., Varol, A., Effective Software Refactoring Process, The 6th International Symposium on Digital Forensics and Security (ISDFS), 22-25th March 2018, Antalya, Turkey
28. Karakoç, M., M., Varol, A., Can Erase Montage Traces Permanently in Audio Files, The 6th International Symposium on Digital Forensics and Security (ISDFS), 22-25th March 2018, Antalya, Turkey
29. Varol, A., Ahmed, N., Minutiae Based Partial Fingerprint Registration and Matching Method, The 6th International Symposium on Digital Forensics and Security (ISDFS), 22-25th March 2018, Antalya, Turkey
30. Sönmez, Y., Ü., Varol, A., Review of Illegal Betting as Financial Crime in Web Forensics, The 6th International Symposium on Digital Forensics and Security (ISDFS), 22-25th March 2018, Antalya, Turkey
31. Sönmez, Y., Ü., Varol, A., Review of Evidence Collection and Protection Phases in Digital Forensics Process, 10th International Conference on Information Security and Cryptology, 20-21th October 2017, Ankara, Turkey
32. Sönmez, Y., Ü., Varol, A., The Analysis of the Concepts of Informatics, Cyber Crimes and Computer Forensics, 10th International Conference on Information Security and Cryptology, 20-21th October 2017, Ankara, Turkey
33. Sönmez, Y., Ü., Varol, A., Review of Evidence Analysis and Reporting Phases in Digital Forensics Process, 2nd International Conference on Computer Science and Engineering UBMC'17, 5-8th October 2017, Antalya, Turkey, pp. 923-928
34. Sönmez, Y., Ü., Varol, A., The Importance of Web Activities for Computer Forensics, 2nd International Conference on Computer Science and Engineering UBMC'17, 5-8th October 2017, Antalya, Turkey, pp. 66-71

35. Varol, A., Varol, C., Ethical Problems Arose in Public Universities in Turkey and USA: A Case Study Done at Firat and Sam Houston State Universities, 4th International Regional Development Conference, 21-23th September 2017, Tunceli, Turkey
36. Aydın, A., Varol, A., The Potential Effect of Trabzon-Tabriz Commercial Transit Road on Black Sea Economy and an Overview for Its Future, 4th International Regional Development Conference, 21-23th September 2017, Tunceli, Turkey
37. Çolak, M., E., Varol, A., Development of a Monitoring System for Distance Education Exams, 11th International Computer & Instructional Technologies Symposium (ICITS), 24-25-26 May 2017, Malatya, Turkey
38. Al-Saadawi, H., Varol, A., Voice over IP Forensic Approaches: A Review, The 5th International Symposium on Digital Forensics and Security (ISDFS), 26-28 April 2017, Tirgu Mures, Romania
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40. Harbawi,M., Varol, A., An Improved Digital Evidence Acquisition Model for the Internet of Things Forensic I: A Theoretical Framework, The 5th International Symposium on Digital Forensics and Security (ISDFS), 26-28 April 2017, Tirgu Mures, Romania
41. Yıldırım, N.; Varol, A., A Research on Eye Tracking and Eye Tracking Systems, International Engineering, Science and Education Conference, 1-3 December 2016, Diyarbakır, Turkey, pp. 897-906 (in Turkish)
42. Demir, R., Varol, A., Digital Forensics: An Implementation on Crime Map and Relational Crime Analysis, International Conference on Computer Science and Engineering, 20-23 October 2016, Tekirdağ, Turkey, pp. 100-105 (in Turkish)
43. Karakoç, M.,M., Varol, A. , The Opinions and Expectations of Pardus Users about Pardus Operating System ,International Conference on Computer Science and Engineering, 20-23 October 2016, Tekirdağ, Turkey, pp. 658-665 (in Turkish)
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45. Varol, A., Enia, J., The Progress of Earthquake Risk Reduction and Recovery in Turkey: From Marmara to Van, 6th International Disaster and Risk Conference IDRC Davos 2016, 28 August – 1 September 2016, Davos, Switzerland
46. Çolak, M., E., Varol, A., Optimization with Mapreduce and CWW Algorithm, ICRIET International Conference on Recent Innovations in Engineering and Technology, 1 - 2 July 2016, Singapore
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53. Haji,S., Varol, A., Real Time Face Recognition System(RTFRS), The 4th International Symposium on Digital Forensics and Security, April 25-27, 2016, University of Arkansas Little Rock - AR - USA, pp. 107-111

54. Conley,S., Varol, A.,Kaya,M., Next-Generation Probationary Monitoring Technology: An Analysis, 10th Anniversary of Probation in Turkey, December 8-10, 2015, İstanbul, Turkey, pp. 223-231
55. Yıldırım, N., Varol, A.,A Research on Electronic Monitoring Methods in Turkey and the World and the Devices Used For Electronic Monitoring, 10th Anniversary of Probation in Turkey, December 8-10, 2015, İstanbul, Turkey (in Turkish), pp. 195-205
56. Harbawi, M., Varol, A., A Comparative Study on Probation Terms for Cyber-Crimes and Other Crimes, 10th Anniversary of Probation in Turkey, December 8-10, 2015, İstanbul, Turkey, pp. 188-194
57. Kaya,M., Varol, A.,Conley,S., Investigation of Smartphone Usage as Probationary Tool with a Preliminary Design, 10th Anniversary of Probation in Turkey, December 8-10, 2015, İstanbul, Turkey, pp. 179-187
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61. Varol, S., Varol, A., Facilitation of Intergroup Communication Skills with the Help of Mobile Applications, World Conference on Business and Management, June 29- July 2, 2015, Seoul, Korea, pp. 640-647
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