

Eyüp Burak CEYHAN

Assist. Prof. Dr.
Computer Engineering Department
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EDUCATION:

- Post-Doc:** (2017-12 months) University of Miami Electrical and Computer Engineering Department, Miami, Florida, USA.
- PhD:** (2012-2015) Gazi University Engineering Faculty Computer Engineering Department, Ankara, Türkiye. **Dissertation Topic:** "An Intelligent System that Identifies Gender From Fingerprint Based on Taking Any of 10 Fingers with a New Approach", **Advisor:** Prof. Dr. Şeref SAĞIROĞLU
- MSc:** (2010-2012) Gazi University Engineering Faculty Computer Engineering Department, Ankara, Türkiye. **Thesis Topic:** "Intelligent System that Estimates Gender from Fingerprint", **Advisor:** Prof. Dr. Şeref SAĞIROĞLU.
- BSc:** (2004-2009) Fatih University Engineering Faculty Computer Engineering Department, Istanbul, Türkiye (100% English Education).

ACADEMIC DEGREE:

2016-present	Assist. Prof. Dr.	Bartın University Engineering Faculty Computer Engineering Department, Bartın, Türkiye.
2010-2016	Res. Assist.	Gazi University Engineering Faculty Computer Engineering Department / Ankara

AWARDS:

1. *Money Award, 1st degree in Gazi University Science Festival Project Competition (10.000 TL), Ankara* 2013
2. *Money Award, 1st degree in IEEE Yıldız Technical University Business Idea Competition (7.000 TL), Istanbul* 2015
<https://www.yildizliprojeler.com/yildizli-projeler/dunden-bugune-ypy>
3. *Money Award, Honorable Mention degree in Gazi University 2. Business Idea Competition (5.000 TL), Ankara* 2014
<http://gazitto.com.tr/dh/gazi-tto-ii-is-fikri-yarismasinda-oduller-sahip/208>
4. *Money Award, III. Industry and Technology Thesis Competition, Encouragement Award (1000 TL), Gazi University* 2016
<http://www.gazitto.com.tr/dh/iv-sanayi-ve-teknoloji-tezleri-yarismasi-finalli/366>
5. *Science and Arts Award, Bartın University* 2016
<https://w3.bartın.edu.tr/duyurular/odul-basvuru-sonuclari.html>
6. *Encouragement Award, Bartın University* 2016
<https://w3.bartın.edu.tr/duyurular/odul-basvuru-sonuclari.html>

7. **Academic Service Award, Bartın University**
<https://w3.bartın.edu.tr/duyurular/odul-basvuru-sonuclari.html> 2016
8. **Appreciation Certificate, 30. Annual Meetings for Heads of Computer Engineering Departments in Turkiye, Tekirdağ** 2016
9. **Plaquet Award, Given by Rectorate of Gazi University Because of Patent Application, Ankara** 2014
10. **Appreciation Award, Given by Gazi University Institute of Science and Technology Because of Patent Application, Ankara** 2014
11. **Appreciation Award, Given by Gazi University Institute of Science and Technology Because of 1st degree in Gazi University Science Festival Project Competition, Ankara** 2013
12. **Appreciation Award, Because of Being Conference Program Co-Chair in 2nd International Symposium on Digital Forensics and Security, Ankara** 2015
13. **Appreciation Award, for Giving Information and Computer Security Tutorial in Ankara Metropolitan Municipality, during 4 days, Ankara** 2013
14. **Appreciation Award, Because of Being Project Team Member in ACM (Association for Computing Machinery) Fatih University Branch, Istanbul** 2007

PATENTS:

1. **System for Estimating Gender from Fingerprints**
United States Patent (USPTO)
Patent Number: US 9,378,406 B2
<http://patft.uspto.gov/netacgi/> Date of Patent: June 28, 2016
2. **10 Parmaktan Herhangi Biri Temel Alınarak Yeni Bir Yaklaşımla Parmak İzinden Cinsiyet Tespit Eden Zeki Sistem**
Turkish Patent (TURKPATENT)
Application Number: 2016/07288 Date of Patent: December 23, 2019
3. **An Intelligent System for Estimating Gender from Only Fingerprints**
Application number: PCT/TR2013/000185
<https://patentscope.wipo.int/search/en/detail.jsf?docId=WO2014011127&redirectedID=true> Date of Patent: January 16, 2014
4. **Parmak İzinden Cinsiyet Tanıyan Zeki Sistem**
Turkish Patent (TURKPATENT)
Application Number: 2012/07018
<https://portal.turkpatent.gov.tr/anonim/arastirma/patent/detayli> Date of Patent: April 21, 2015
5. **Intelligent District Cooling System and Working Method of This System to Prevent Pressure Injury**
Turkish Patent (TURKPATENT)
Application Number: 2020/17233 In evaluation
6. **Intelligent System that Predicts Foot Size from Fingerprint**
Turkish Patent (TURKPATENT)
Application Number: 2020/05431 In evaluation

JOURNAL PUBLICATIONS:

1. Ceyhan, E.B., Sagioglu, S., "A New Intelligent System for Predicting Gender from Fingerprint", **Düzce University Journal of Science and Technology**, **7(1)**, 677-688 2019
2. Ceyhan, E.B., Arioz, U., Bilge, H.S., "A Feasibility Study for Repositioning of 112 Stations Based on Traffic Accident Data In Ankara", Pamukkale University Journal of Engineering Sciences, doi: 10.5505/pajes.2016.68552 in press
3. Ceyhan, E.B., Güllü, M., Ulucan, C. "Analysis of Blood Groups from Fingerprint Patterns of Turkish Citizens", **Journal of Engineering and Technology**, **2(1)**, 29-38 2018
4. Ceyhan, E.B., Ceyhan, İ.F., Demiryürek, E., Bodur, R., "Akıllı Kimlik Kartlarının Bankacılıkta Kullanımı: Olası Tehditler ve Alınacak Önlemler", **International Journal of Management Economics and Business**, **14(3)**, 745-760 2018
5. Ceyhan, E.B., "Parmak İzi ile Cinsiyet Arasındaki İlişki: Bir İnceleme", **Bartın University Journal of Engineering and Technology Science**, **6(1)**, 54-60 2018
6. Ceyhan, E.B.; Sagioglu, S., "Analysis of the Relationship Among 10 Fingers in Gender Prediction from Fingerprints", **Journal of Sakarya University Natural Sciences Institute** 2017
7. Ceyhan, E.B., Sagioglu, S., Cesur, R., Kermen, K., "Determination of Potential Criminals in Social Network", **Gazi University Journal of Science** 2017
8. Ceyhan, E.B.; Demiryurek, E.; Kandemir, B., "Current Security Risks And Prevention Methods In Social Networks", **International Journal of Information Security Engineering**, 1:1, 1-10 2015
9. Ceyhan, E.B.; Sagioglu, S.; Akyil, M.E., "Gender Classification Based on ANN with Using Fingerprint Feature Vectors", **Journal of the Faculty of Engineering and Architecture of Gazi University (SCI-E)**, 29:1, 201-207 2014
10. Ceyhan, E.B.; Sagioglu, S., "Analyzing the Effect of Computer-Aided Education on the Graduates of Computer Engineering Department", **Journal of Polytechnic**, 17:3, 107-113 2014
11. Ceyhan, E.B.; Sagioglu, S., "Security Issues on Wireless Sensor Networks and the Possible Precautions", **Journal of Polytechnic**, 16:4, 155-163 2013

CONFERENCE PUBLICATIONS:

1. Ceyhan, İ.F., Ceyhan, E.B., "Possible Threats and Actions to be Taken for the Use of Smart ID Cards in Financial Transactions", **4th International Congress on Accounting and Finance Research**, 71, Erzurum/Turkiye 2017
2. Ceyhan, E.B., Oner, K., "Predicting Numerical and Verbal Intelligence from Finger 2D:4D Ratio", **International Conference On Advanced Technology & Sciences (ICAT)**, 57-62, Rome/Italy 2016
3. Gullu, M., Ceyhan, E.B., Ulucan, C., "A New Approach: Predicting Height of A Person from Joint Ratio of Fingers", **5. International Conference on Network, Communication and Computing (ICNCC)**, Kyoto/JAPAN 2016

4. Ceyhan, E.B.; Sagioglu, S., "Gender Inference within Turkish Population by Using Only Fingerprint Feature Vectors", **IEEE Symposium on Computational Intelligence in Biometrics and Identity Management (CIBIM)**, 146-150, Orlando/USA 2014
5. Ceyhan, E.B.; Sagioglu, S.; Oner, K.; Cesur, R., "Automatic Gender Classification System from Finger 2D: 4D Ratio and Comparison of Successes with Using Different Algorithm", **13th International Conference on Machine Learning and Applications (ICMLA)**, 600-605, Detroit/USA 2014
6. Ceyhan, E.B.; Sagioglu, S.; Tatoglu, S.; Atagun, E., "Age Estimation from Fingerprints: Examination of the Population in Turkiye", **13th International Conference on Machine Learning and Applications (ICMLA)**, 478-481, Detroit/USA 2014
7. Ceyhan, E.B.; Sagioglu, S.; Akyil, M.E., "Statistical Gender Analysis Based on Fingerprint Ridge Density", **IEEE International Signal Processing and Communications Applications Conference (SIU)**, 1-4, Lefkosa/North Cyprus 2013
8. Oguz, S.; Ceyhan, E.B.; Sagioglu, S., "Using Technology for Espionage and the Counter-Measures", **8th International Conference on Information Security and Cryptology**, Ankara/Turkiye 2015
9. Inag, Y.; Ceyhan, E.B.; Sagioglu, S., "Enterprise Challenges and Solutions for Cloud Computing", **8th International Conference on Information Security and Cryptology**, Ankara/Turkiye 2015
10. Erol, E.; Ceyhan, E.B.; Sagioglu, S., "A Survey on Personal, Enterprise, and the National Information Security Awareness", **8th International Conference on Information Security and Cryptology**, Ankara/Turkiye 2015
11. Maras, R.; Ceyhan, E.B.; Sagioglu, S., "Forensics and Counter-Forensics Techniques for E-mails", **8th International Conference on Information Security and Cryptology**, Ankara/Turkiye 2015
12. Ceyhan, E.B.; Sagioglu, S., "Gender Estimation from Fingerprints: Test with a New Database", **8th International Conference on Information Security and Cryptology**, Ankara/Turkiye 2015
13. Turhan, C.G.; Ceyhan, E.B.; Sagioglu, S., "A Survey on Security of Biometric Systems", **8th International Conference on Information Security and Cryptology**, Ankara/Turkiye 2015
14. Yıldız, A.; Ceyhan, E.B.; Sagioglu, S., "Enterprise E-Mail Classification and Rating System", **8th International Conference on Information Security and Cryptology**, Ankara/Turkiye 2015
15. Ulus, C. T.; Ceyhan, E.B.; Sagioglu, S., "Information Harvesting Techniques and Personal Information Harvesting", **8th International Conference on Information Security and Cryptology**, Ankara/Turkiye 2015

BOOKS:

1. Ceyhan, E.B., Ceyhan, İ.F., Cakirgoz, O., "Cybermoney", **Book Chapter in Cyber Security and Defense - Standards and Applications**, Grafiker Press, Ankara 2019
2. *Proceeding Book, The 1st International Symposium on Computing in Science & Engineering (ISCSE)*, ISBN: 978-605-61394-1-3 2010

PROJECTS:

1. **Project Coordinator**, Intelligent Energy Management System for Smart University, **Supported by European Union** 2020-ongoing
2. **Project Coordinator**, Intrusion Techniques to Biometric System and Precautions for these intrusions with False Biometric Detection, **Supported by TÜBİTAK** 2017-2018
3. **Researcher**, Optimization of Traffic Signalization Systems in Bartın, **Supported by Scientific Research Projects Office of Bartın University** 2016-2020
4. **Project Coordinator**, Analysis of Relationship Between Fingerprint and Foot Size, **Supported by Scientific Research Projects Office of Bartın University** 2016-2017
5. **Researcher**, Analysis of Relationship Between Biometric Data, **Supported by Scientific Research Projects Office of Gazi University** 2013-2016
6. **Researcher**, Feasibility Study of Traffic Accidents in Ankara for Repositioning 112 Stations, **Supported by Development Agency of Ankara** 2014-2014
7. **Project Member**, Guvenlikicinbirdakika Project (Social Responsibility Project for Awareness about Information and Computer Security for all People) 2015-2018

ADMINISTRATIVE DUTIES:

1. **Founding Department Chair**, Bartın University- Computer Engineering Department 2016-2020
2. **Directors Board Member**, Bartın University Renewable Energy Application and Research Center (BÜYENERUM) 2020-ongoing
3. **Board Member**, Energy Efficiency Board of Bartın University 2019-ongoing
4. **Head of Division**, Bartın University- Division of Computer Hardware 2018-2020
5. **Head of Board**, Intellectual and Industrial Property Rights Evaluation Board of Bartın University 2018-ongoing
6. **Head of Coordinatorship**, Bartın University- Project and Technology Office, Patent Coordinatorship 2018-ongoing
7. **Board Member**, Quality Coordination Office of Bartın University 2018-ongoing
8. **Head of Unit**, TURKPATENT- Information and Documentation Unit 2018-ongoing
9. **Head of Division**, Bartın University- Division of Computer Software 2016-2018
10. **Faculty Board Member**, Engineering Faculty of Bartın University 2016-2020
11. **Advisory Board Member**, Central Research Center of Bartın University 2016-ongoing
12. **Provincial Representative**, Ministry of Science, Industry and Technology - Representative of Public Corporation, University and Industry Cooperation in Bartın 2016-2017
13. **Board Member**, Governorship of Bartın – Planning and Development Board of Public Corporation, University and Industry Cooperation 2016-2017

14. **Group Member**, Ministry of Science, Industry and Technology – Working Group of Public Corporation, University and Industry Cooperation 2016-2017
15. **Board Member**, Coordinatorship of Disabled Students Unit 2016-ongoing
16. **Board Member**, Academic Encouragement Pre-evaluation Committee of Bartın University 2016-2020
17. **MÜDEK Committee Member**, Gazi University Computer Engineering Department 2013-2015

GIVEN TRAININGS:

1. **Face Recognition and Electronic Security Systems Training**, 3 days/20 days total, General Command of Gendarmerie, Ankara 2015
2. **Mobile Security - Current Threats and Precautions Training**, 7th International Conference on Information Security and Cryptology, Istanbul 2014
3. **Enterprise Information Security and Computer Security Training**, 4 days, Ankara Metropolitan Municipality, Ankara 2013
4. **Mobile Security Training**, 6th International Conference on Information Security and Cryptology, Ankara 2013

INVITED SPEAKER:

1. **6th International Workshop on Cyber Security and Certificate Program (Istanbul)**, Biometric System Security 2016
2. **Bartın Provincial Public Library**, Cyber Security and Internet Security 2020
3. **Karabük Hoca Ahmet Yesevi IHL Middle School**, Information Security in Social Networks, Supported by TÜBİTAK Science Talks 2019
4. **Bartın Mehmet Akif Ersoy High School**, Conscious Use of the Internet 2016

ORGANIZED SYMPOSIUMS, CONFERENCES and WORKSHOPS:

1. **Moderator**, Intelligent Energy Management System for Smart University Workshop, Bartın 2020
2. **Advisory Board Member**, 5th International Conference on Computer Science and Engineering UBMK'20, Diyarbakır, Türkiye 2020
3. **Coordinator**, HAVELSAN Applied Cyber Security Training, Bartın 2019
4. **Moderator**, Cyber Security and Information Security Panel, Bartın 2019
5. **Advisory Board Member**, 4th International Conference on Computer Science and Engineering UBMK'19, Samsun, Türkiye 2019
6. **Advisory Board Member**, 3th International Conference on Computer Science and Engineering UBMK'18, Bosnia 2018

7. **Advisory Board Member**, 2nd International Conference on Computer Science and Engineering UBMK'17, Antalya 2017
8. **Organizing Committee Member**, International Conference On Network and Cyber Security, Florida, USA 2017
9. **Organizing Committee Member**, Big Data Analytics and Security Public Workshop, Ankara 2016
10. **Advisory Board Member**, International Conference on Computer Science and Engineering (UBMK 2016), Tekirdağ 2016
11. **Organizing Committee Member**, Big Data and Information Security Workshop, Ankara 2016
12. **Session Chair**, International Conference on Computer Science and Engineering (UBMK 2016), Tekirdağ 2016
13. **Program Co-Chair**, 3rd International Symposium on Digital Forensics and Security (ISDFS), Ankara 2015
14. **Organizing Committee Member**, 8th International Conference on Information Security and Cryptology, Ankara. 2015
15. **Organizing Committee Member**, 7th International Conference on Information Security and Cryptology, Istanbul 2014
16. **Organizing Committee Member**, 6th International Conference on Information Security and Cryptology, Ankara 2013
17. **Organizing Committee Member**, 5th International Conference on Information Security and Cryptology, Ankara. 2012
18. **Organizing Committee Member**, 2nd National Cyber Security Workshop, Ankara. 2011
19. **Organizing Committee Member**, The 1st International Symposium on Computing in Science & Engineering (ISCSE), Kusadasi/Aydin 2010
20. **Poster Session Chair**, The 1st International Symposium on Computing in Science & Engineering (ISCSE), Kusadasi/Aydin 2010
21. **Organizing Committee Member**, 6th Information and Technology Days, Fatih University, Istanbul 2006

CONTRIBUTED SYMPOSIUMS, CONFERENCES and WORKSHOPS:

1. **Member in Technical Program Committee, Information and Computer Technologies (ICICT 2020)**, Silicon Valley, San Jose, USA 2020
2. **Member in Conference Scientific Committee, 13th International Conference on Information Security and Cryptology**, Ankara 2020
3. **Member in Conference Technical Committee, The 3rd International Conference on Compute and Data Analysis**, Hawaii, USA 2019
4. **Member in Conference Technical Committee, 4th International Conference on Biomedical Imaging, Signal Processing**, Nagoya, Japan 2019

5. *Member in Conference Scientific Program Committee, **4nd International Conference on Computer Science and Engineering UBMK'19**, Samsun, Turkiye* 2019
6. *Member in Conference Scientific Committee, **12th International Conference on Information Security and Cryptology**, Ankara* 2019
7. *Member in Conference Technical Committee, **The 2nd International Conference on Compute and Data Analysis**, Illinois, USA* 2018
8. *Member in Conference Technical Committee, **International Conference on Information and Computer Technologies**, Illinois, USA* 2018
9. *Member in Conference Technical Program Committee, **VII. International Conference on Network, Communication and Computing**, Taipei, Taiwan* 2018
10. *Member in Conference Scientific Program Committee, **3nd International Conference on Computer Science and Engineering UBMK'18**, Bosnia* 2018
11. *Member in Conference Scientific Program Committee, **International Congress on Big Data, Deep Learning and Fighting Cyber Terrorism**, Ankara, Turkiye* 2018
12. *Member in Conference Scientific Committee, **11th International Conference on Information Security and Cryptology**, Ankara* 2018
13. *Member in Conference Technical Program Committee, **VI. International Conference on Network, Communication and Computing**, Kunming, China* 2017
14. *Member in Conference Technical Committee, **International Conference on Compute and Data Analysis**, Florida, USA* 2017
15. *Member in Conference Scientific Program Committee, **2nd International Conference on Computer Science and Engineering UBMK'17**, Antalya* 2017
16. *Member in Special Session Program Committee, **16th IEEE International Conference On Machine Learning And Applications**, Cancun, Mexico* 2017
17. *Member in Conference Scientific Committee, **10th International Conference on Information Security and Cryptology**, Ankara* 2017
18. *Member in Working Group, **7th Coordination Meeting of Public Corporation, University and Industry Cooperation (KÜSİ) Working Group**, Balıkesir* 2016
19. *Member in Conference Scientific Program Committee, **IEEE 24. Signal Processing and Communications Applications Conference (SIU)**, Zonguldak* 2016
20. *Member in Conference Scientific Program Committee, **International Conference on Computer Science and Engineering (UBMK 2016)**, Tekirdağ* 2016
21. *Member in Conference Scientific Committee, **9th International Conference on Information Security and Cryptology**, Ankara* 2016

CERTIFICATES:

1. KOSGEB Applied Entrepreneurship Certificate 2015
2. Occupational Safety Certificate 2016
3. Mobile Forensic and Big Data Training Certificate 2015

EDITORIAL BOARD MEMBERSHIP:

1. **Editor**, International West Black Sea Engineering and Science Journal 2019-ongoing
2. **Section Editor**, Journal of TBV Computer Science and Engineering 2016-2018
3. **Editorial Board Member**, Journal of International Information Security Engineering 2015-ongoing
4. **Web Editor**, Journal of Bartın University Faculty of Economics and Administrative Sciences. 2016-2020
5. **Technical Person in Charge**, Gazi University Engineering Faculty Journal (**SCI-E**) 2013-2014
6. **Web Editor**, Journal of Bartın University Management Economics Literature Islamic and Political Sciences 2016-ongoing

REFEREE (AT LEAST 1 PAPER):

1. International Conference on Data Science and Applications (ICONDATA) 2018
2. IET Biometrics (**SCI-E**) 2018-ongoing
3. Journal of Polytechnic 2018
4. International Congress on Big Data, Deep Learning and Fighting Cyber Terrorism 2018
5. Gazi University Journal of Science 2017-ongoing
6. Afyon Kocatepe University Journal of Science and Engineering 2017-ongoing
7. Journal of Signal, Image and Video Processing (**SCI-E**) 2017-ongoing
8. TÜBAV Journal of Science 2017-ongoing
9. Ömer Halisdemir University Journal of Engineering Science 2017-ongoing
10. Turkish Journal of Electrical Engineering & Computer Sciences (**SCI-E**) 2016-ongoing
11. International Conference on Computer Science and Engineering (UBMK) 2016-ongoing
12. International Journal of Informatics Technologies 2016-ongoing
13. International Journal of Information Security Science (IJISS) 2016-ongoing
14. Trakya University Journal of Engineering Sciences (TUJES) 2016-ongoing
15. Journal of International Information Security Engineering 2015-ongoing
16. Bartın University Journal of IIBF Faculty 2016-ongoing
17. IEEE Signal Processing and Communications Applications Conference (SIU) 2016-ongoing
18. 5th, 6th, 7th, 8th, 9th, 10th, 11th, 12th, 13th International Conference on Information Security and Cryptology (ISCTurkiye), ~70 papers 2012-ongoing
19. International Symposium on Digital Forensics and Security (ISDFS), ~10 papers 2015-ongoing

PROJECT EVALUATION BOARD MEMBER:

1. TÜBİTAK, *International Bilateral Cooperation Research Projects*, Evaluation of R&D Projects 2020
2. TÜBİTAK, *2204-A High School Students Research Projects Competition*, Evaluation of R&D Projects 2020
3. TÜBİTAK, *2204-B Secondary School Students Research Projects Competition*, Evaluation of R&D Projects 2020
4. TÜBİTAK, *2204-A High School Students Research Projects Competition*, Evaluation of R&D Projects 2019
5. Ministry of Science, Industry and Technology, *R&D Center Support Program*, Evaluation of an R&D Center 2018
6. KOSGEB, *R&D, Innovation and Industrial Application Support Program*, Evaluation of R&D Projects 2016
7. Ministry of Science, Industry and Technology, *R&D Center Support Program*, Evaluation of an R&D Center Application 2016

ASSOCIATION MEMBERSHIP:

1. Founding Director, **Cyber Security and Biometrics Lab**
<http://laboratuvar.bartın.edu.tr/Arama/LabratuvarSonucuArama/74> 2016-ongoing
2. Researcher, **Gazi University Big Data and Information Security Center Research Lab** (<http://bigdatacenter.gazi.edu.tr>) 2014-ongoing
3. Researcher, **Gazi University Technology and Innovation Center Research Lab**
(<http://www.gutic.org>) 2011-ongoing
4. Member, Public Corporation, University and Industry Cooperation (KÜSİ) Working Group 2016-2017
5. Member, The Science and Engineering Institute (SCIEI) 2016-ongoing
6. Member, Information Security Association 2011-2016

OTHERS:

1. *Live Demo*, "Intelligent System that Estimates Gender from Fingerprint", **EGM Head of Criminal Department**, Ankara 2014
2. *Live Demo*, "Intelligent System that Estimates Gender from Fingerprint", **Ministry of Science, Industry and Technology**, Ankara 2014
3. *News*, "Intelligent System that Estimates Gender from Fingerprint", **National Agency**,
<http://www.aa.com.tr/tr/bilim-teknoloji/90796--parmakizinden-cinsiyet-teshisi> 2012
4. *Leonardo da Vinci Program*, **ERP Software Internship**, Salamanca / Spain 2012
5. **Referee in Digital Forensics court cases** 2012-ongoing
6. *Taken 1 month Entrepreneurship Training*, **2nd Business Idea Competition**, Ankara 2014

GIVEN COURSES:

GRADUATE:

1. Planning and Management of Cyber Security
2. Social Media Analytics
3. Applications of Big Data Analytics
4. Information and Computer Security

UNDERGRADUATE:

1. Internet Programming
2. Introduction of Computer Security
3. Introduction to Computer Systems and Programming (2 Semesters)
4. Introduction to Algorithms and Programming
5. Computer Programming
6. Basic Information Technologies
7. Web Based Applications I
8. Web Based Applications II
9. Digital Design LAB
10. Computer Programming II LAB (2 Semesters)

ASSISTED COURSES:

GRADUATE:

1. Enterprise Information Security.
2. Software Defined Networks
3. Machine Learning.
4. Data Mining. (2 Semesters)
5. Image Processing.
6. Wireless Network Security.(2 Semesters)
7. Pattern Recognition

UNDERGRADUATE:

1. Graph Theory
2. Microcontrollers
3. Geographical Information Systems
4. Image Processing (In English).
5. Signals & Systems. (In English)
6. Computer Architecture.
7. Data Mining.
8. Discrete Mathematics.
9. Machine Learning.
10. Programming with Java
11. File Organization
12. Formal Languages & Automata