



PERSONAL DATA

NAME - SURNAME	Bilgehan ARSLAN
PLACE AND DATE OF BIRTH	Eskişehir, Turkey, 1988
ADRESS	Gazi University Engineering Faculty Computer Engineering Department Maltepe / ANKARA
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EDUCATION

2021	Ph.D in COMPUTER ENGINEERING
2015	Gazi University, Engineering Faculty, Ankara, Turkey Thesis Title: Fingerprint Recognition Systems Based On Smartphones Advisor: Prof. Dr. Seref Sagiroglu
JUNE 2015	M.Sc. in COMPUTER ENGINEERING
2013	Gazi University, Engineering Faculty, Ankara, Turkey Thesis Title: Biometric Solutions for Ensuring Personal Data Security Advisor: Prof. Dr. Seref Sagiroglu
JUNE 2013	B.Sc. COMPUTER ENGINEERING
2008	Suleyman Demirel University, Isparta, Turkey
JUNE 2006	ATO Anatolian High School, Adana, Turkey
2002	

EXPERIENCE

2018-	Instructor GAZI UNIVERSITY, Engineering Faculty, Computer Engineering Department
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2014 - 2018	Research Assistant GAZI UNIVERSITY, Engineering Faculty, Computer Engineering Department
2012 - 2013	Engineering Intern TUBITAK BILGEM, Software Technologies Research Institute
2009 - 2011	Junior System Engineer SULEYMAN DEMIREL UNIVERSITY

PUBLICATIONS

1. "Mobile Touchless Fingerprint Acquisition And Enhancement System", S. Sagioglu, M. Ulker, B. Arslan, *IEEE Congress on Evolutionary Computation (CEC)*, 2020.
2. "New Generation Behavior Modeling Approaches, Risks And Recommendations in Biometric", B. Arslan, C. Aksoy, *Cyber Security And Defense: Biometric And Cryptographic Applications (Nobel Press)*, 2020.
3. "Fingerprint Forensics in Crime Scene: A Computer Science Approach", B. Arslan, S. Sagioglu, *International Journal of Information Security Science*, 2019.
4. "Fighting with Cyber Terror and Terrorism: Threats and Precautions", S. Sagioglu, B. Arslan, *IEEE International Conference on Computer Science and Engineering (UBMK)*, 2019.
5. "Security and Privacy in Biometric Systems", B. Arslan, S. Sagioglu, *Cyber Security and Defense: Standards and Practices (Grafiker Press)*, 2019.
6. "A novel secure model: Image steganography with logistic map and secret key", M. Ulker, B. Arslan, *IEEE 6th International Symposium on Digital Forensic and Security (ISDFS)*, 2018.
7. "Smart Grid Security Evaluation with a Big Data Use Case", D.S. Terzi, B. Arslan, S. Sagioglu, *IEEE 12th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG)*, 2018.
8. "A Study on the Use of Quantum Computers, Risk Assessment and Security Problems", B. Arslan, M. Ulker, S. Akleyek, S. Sagioglu, *IEEE 6th International Symposium on Digital Forensic and Security (ISDFS)*, 2018.
9. "Machine Learning Methods Used in Evaluations of Secure Biometric System Components", B. Arslan, M. Ulker, S. Sagioglu, *16th IEEE International Conference on Machine Learning and Applications (ICMLA)*, 2017.
10. "Evaluation of Fingerprint Enhancement Techniques Used by Crime Scene Investigation", M. Ulker, B. Arslan, S. Sagioglu, *10th. International Conference On Information Security and Cryptology*, 2017.
11. "A Review on Biometric Systems Used in Mobile Devices, B. Arslan, S. Sagioglu", *Journal of Polytechnic*, 19 (2), 2016.
12. "A review on mobile threats and machine learning based detection approaches", B. Arslan, M. S Gunduz, S. Sagioglu, *4th International Symposium on Digital Forensic and Security (ISDFS)*, 2016.

13. "Security perspective of biometric recognition and machine learning techniques", B. Arslan, E. Yorulmaz, B. Akca, S. Sagiroglu, *15th IEEE International Machine Learning and Applications Conference*, 2016.
14. "A Review of Machine Learning Solutions to Denial-of-Services Attacks in Wireless Sensor Networks", M.S. Gunduz, B. Arslan, M. Demirci, Machine Learning and Applications (ICMLA), *14th International Machine Learning and Applications Conference*, 2015.

RESEARCH INTERESTS

Biometric Systems and Security, Image Processing, Machine Learning, Cyber Security, Information Security

COURSES AND CERTIFICATES

CERTIFICATION ID	Microsoft Certification ID : 8413411 CCNA ID : CSC012187420
CERTIFICATES	Microsoft® Certified IT Professional (MCITP) Microsoft® Certified Professional Developer (MCPD) Microsoft® Certified Technology Specialist (MCTS) Enterprise Administrator on Windows Server® 2008 Enterprise Application Developer 3.5 Windows® 7, Configuration Windows Server® 2008 Network Infrastructure, Configuration Windows Server® 2008 Active Directory, Configuration Windows Server® 2008 Applications Infrastructure, Configuration .NET Framework 3.5, Windows® Forms Applications Windows Server® 2008 Active Directory, Configuration Windows Server® 2008 Applications Infrastructure, Configuration Windows Server® 2008 Network Infrastructure, Configuration
COURSES	ORACLE Database 11g Administration Red Hat System Administration

COMPUTER SKILLS

C, C#, Java, Python, Matlab, UNIX/Linux, Latex

LANGUAGES

TURKISH: Native

ENGLISH: Reading and Writing – Upper Intermediate
Speaking and Listening – Intermediate