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Atılım University
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PERSONAL

Date of Birth	24.08.1988
Place of Birth	Ankara

EDUCATION

2018 – Present	Atılım University, Electrical Electronics Engineering, Ph.D.
2014 – 2020	Anadolu University, Business Administration and Management, B.S.
2016 – 2018	Atılım University, Electrical Electronics Engineering, M.Sc.
2014 – 2016	Atılım University, Electrical Electronics Engineering, B.S.

ACADEMIC POSITIONS

April/2017	Research Assistant, Department of Avionics, Atılım University, Turkey
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ADMINISTRATIVE DUTIES

September/2019	Examination Manager (Approved Maintenance Training Organization (part 147)), Atılım University
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HONORS&AWARDS

1	Ranked 7th, Electric car category, Formula Hybrid, 2018
2	Ranked 2nd, Honor Degree Bachelor's Degree, Department of Electrical Electronics Engineering, Engineering Faculty, Atılım University, 2016
3	Ranked One of the First Five Students of 50 Outstanding Students, Atılım University, 2015
4	Ranked One of 50 Outstanding Students, Atılım University, 2015

RESEARCH INTERESTS

1	Electrical Warfare Systems
2	Signal Processing
3	Machine Learning
4	RF Systems
5	Data Acquisition Systems

PUBLICATIONS

1	Uzundurukan, E., Ali, A.M., Dalveren, Y. et al. Performance Analysis of Modular RF Front End for RF Fingerprinting of Bluetooth Devices. <i>Wireless Pers Commun</i> (2020).
2	Ali, A. M., Uzundurukan, E., & Kara, A. (2019). Assessment of Features and Classifiers for Bluetooth RF Fingerprinting. <i>IEEE Access</i>
3	Uzundurukan, E., Kara, A., Abdulrazigh, M.Y. (2018). Design of Modular FMCW Radar and Quantization of Its Range Error. <i>Sakarya University Journal of Computer and Information Sciences</i> , 1(2), 1-11
4	Abdulrazigh, M. Y., Uzundurukan, E., & Kara, A. (2018, May). Analysis of measurement instrumentation delay in modular experimental radar at C band. In <i>2018 26th Signal Processing and Communications Applications Conference (SIU)</i> . IEEE
5	Uzundurukan, E., Ali, A. M., & Kara, A. (2017, May). Design of low-cost modular rf front end for rf fingerprinting of bluetooth signals. In <i>Signal Processing and Communications Applications Conference (SIU), 2017 25th</i> (pp. 1-4). IEEE.
6	Ali, A. M., Uzundurukan, E., & Kara, A. (2017, May). Improvements on transient signal detection for RF fingerprinting. In <i>Signal Processing and Communications Applications Conference (SIU), 2017 25th</i> (pp. 1-4). IEEE

PROJECTS

1	March 2019 – April 2020 TUBITAK (The Scientific and Technological Research Council of Turkey) 5160097, Researcher - System Engineer Development of Wireless Sensor Network Based Control and Monitoring System for Protection Against Corrosion of Critical Facilities
2	November 2018 – July 2019 Researcher - Undergraduate Research Project LAP-C-1819-02 at Atılım University, Development of Hilbert-Huang Transform Based RF Fingerprinting Identification System for Wi-Fi Signals
3	EE606 Special Topics Course Project 2018-2019 Fall Development of Threat Classification for Phase-OTDR Fiber Optic Distributed Acoustic Sensing
4	November 2017 – July 2018 Advisor - Undergraduate Research Project LAP-C-1718-5 at Atılım University, Performance Analysis of Modular RF Front End Design for RF Fingerprinting
5	November 2016 – July 2017 Co-advisor - Undergraduate Research Project LAP-C-1617-18 at Atılım University, Bluetooth Device Identification using RF fingerprinting
6	September 2015 – June 2016 Undergraduate Design Project, X Band Radar Design and Implementation
7	November 2015 – July 2016 Scholarship Researcher - Undergraduate Research Project LAP-C-1516-09 at Atılım University, Design of an antenna Operating band under 1 GHz band
8	November 2014 – July 2015 Volunteer Researcher - Undergraduate Research Project LAP-C-1415-06 at Atılım University, Application of Turkish speech recognition to voice-controllable systems

CONFERENCE PRESENTATIONS

1	Abdulrazigh, M. Y., Uzundurukan, E., & Kara, A. Analysis of measurement instrumentation delay in modular experimental radar at C band. In 2018 26th Signal Processing and Communications Applications Conference (SIU). (2018, May).
2	Uzundurukan, E., Ali, A. M., & Kara, A. (2017, May). Design of low-cost modular rf front end for rf fingerprinting of bluetooth signals. In Signal Processing and Communications Applications Conference (SIU), 2017 25th (pp. 1-4). IEEE
3	Ali, A. M., Uzundurukan, E., & Kara, A. (2017, May). Improvements on transient signal detection for RF fingerprinting. In Signal Processing and Communications Applications Conference (SIU), 2017 25th (pp. 1-4). IEEE.

CITATIONS

Sum of times cited without self-citations (ISI Web of Science):	9
H-index (ISI Web of Science):	2

COURSES GIVEN

1	Electrical Fundamentals I (Module 3-1)
2	Electronic Fundamentals I (Module 4-1)
3	Electronic Fundamentals II (Module 4-2)
4	Digital Electronics I (Module 5-3)
5	Aircraft Electrical Systems (Module 13-10)