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#### EDUCATION

<b>2019-present</b>	Ankara University, Electrical and Electronics Engineering, Ph.D.
<b>2017-2019</b>	Atilim University, Electrical and Electronics Engineering, M.S
<b>2012-2017</b>	Atilim University, Electrical and Electronics Engineering, B.S.

#### ACADEMIC POSITIONS

<b>04/2019-present</b>	Teaching/Research Assisstant, Electrical and Electronics Engineering, Atilim University, Turkey
<b>02/2019-04/2019</b>	Teaching/Research Assisstant, Electrical and Electronics Engineering, Başkent University, Turkey
<b>10/2018-02/2019</b>	Teaching/Research Assisstant, Electrical and Electronics Engineering, İstanbul Kultur University, Turkey
<b>03/2017-09/2018</b>	Tubitak Scholar Researcher, Electrical and Electronics Engineering, Atilim University, Turkey

#### RESEARCH INTERESTS

<b>1</b>	Deep Learning, Artificial Intelligence
<b>2</b>	Cognitive Science, neuroscience
<b>3</b>	Electromagnetic, Microstrip Antennas
<b>4</b>	Image Processing

#### PUBLICATIONS/ JOURNALS

<b>1</b>	Yilmaz, V. S., Bilgin, G., Aydin, E., & Kara, A. (2019). <b>Miniaturised antenna at a sub-GHZ band for industrial remote controllers.</b> <i>IET Microwaves, Antennas &amp; Propagation</i> , 13(9), 1408-1413.
<b>2</b>	Bilgin, G., Yilmaz, V. S., Kara, A., & Aydin, E. (2019). <b>Comparative assessment of electromagnetic simulation tools for use in microstrip antenna design: Experimental demonstrations.</b> <i>Microwave and Optical Technology Letters</i> , 61(2), 349-356.

## CONFERENCE PRESENTATIONS

1	Yilmaz VS, Bilgin G, Aydin E, A. Kara. <b>“Design Considerations for Near to the Ground Communication System and Associated Sub-GHz Low Profile Antenna”</b> . <i>International Conference on Electronics and circuit systems(ICECS)</i> ; 2017.
2	Bilgin G, Yilmaz VS, Aydin E, A. Kara. <b>“Design Considerations For Sub-GHz Multilayer Microstrip Antenna For Near Ground Communication Links In Rural Areas”</b> . <i>International Conference on Electrical and Electronics Engineering (ELECO)</i> ; 2017.

## PROJECTS

1	Developing an Algorithm for Modeling Neurons Using the Best Design Method (Tübitak 1001), 2020~present- Schoolar Researcher
2	Classification of Abnormal Brain Structures MRIs by Using Deep Neural Network-(Argeda TTO Lap), 10/2019~present – Researcher and Bachelor’s Organizer
3	Development of Wireless Sensor Network (WSN) Based Control and Monitoring System for Cathodic Protection System in Critical Infrastructures (TUBITAK-1505), 09/2018~05/2019- Schoolar Researcher
4	Design and fabrication of miniaturized, conformal and dual band microstrip antennas in sub-GHz ISM bands (Tübitak-1005), 03/2017~09/2018- Schoolar Researcher
5	Design and production of Pagoda antenna at 2.4 GHz (Argeda TTO Lap), 10/2017~06/2018- Researcher and Bachelor’s Organizer.
6	Design of a Warm/Hot electromagnetic forming system for the forming of brittle sheet metals (TÜBİTAK-1005), 12/2016-03/2017- Bachelor’s Organizer
7	Determination of Fatigue Driver Detection System, (Tübitak- 2209b), 10/2015~06/2016 -Principal Investigator