

FURKAN YILMAZ



CV

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Merkez/Aksaray

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Personal

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- | | |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 04/08/2015-2020 | Adana Alparslan Turkes Science and Technology University
Electric-Electronic Engineering <ul style="list-style-type: none">• %100 English• Industry-oriented laboratories• GPA: 2.91 |
| 09/2010-06/2014 | Osman Gazi Anatolian High School |

Job Experiences

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| 26.01.2021-
26.01.2022 | Lieutenant (Turkish Armed Forces) <ul style="list-style-type: none">• Course academy first degree |
| 03/02/2020-
11/03/2020 | Adana TEIAS(Long Term Internship) <ul style="list-style-type: none">• Control of the high voltage field• Basic facility unit |
| 03/06/2019-
22/08/2019 | Lincoln and Lake Hubert Camp, Minnesota/ABD <ul style="list-style-type: none">• Service of Camp Participants• Kitchen Staff |
| 25/06/2018-
20/07/2018 | Koçak Mühendislik, Aksaray(Summer Internship) <ul style="list-style-type: none">• maintenance and repair of electrical transmission lines• transformer and compensation panel construction and repair• Low and Medium voltage project drawing (AutoCAD) |

Research Projects

1. Electric Autonomous Vehicle
 - Autonomous car model extraction and analysis
 - Analysis and model of environmental dynamics for vehicles
 - Controller design for autonomous vehicles
 - Simulation based application and analysis
2. Industrial Robots
 - Low-grade ABB IRB industrial robot model extraction and analysis.
 - Performance based controller design.
 - Simulation based application and analysis.
 - Application and analysis on real robot
3. Arduino Project
 - Driving electrical motors
 - Buck Converter

Academic Interests

- Power Electronics
- High Voltage Techniques
- Power System Analyses
- Electric Machines
- Renewable Energy

Certificates

- EMO-Grounding Education in Electrical Systems
- EMO-Operation Responsibility Education in High Voltage Installation
- EMO-Electrical SMM Education

Foreign Languages

- English B2

Digital Skills

- Microsoft Office Very good
- MATLAB, C++, Eagle, Proteus Intermediate
- LTSpice,, Arduino, AutoCAD Beginning

Referances

Doç. Dr. Tuğçe DEMİRDELEN

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Faruk BOZKURT

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