

EGE MAZLUMOĐLU

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Fikirtepe Mahallesi Volkan Sokak No:45 Selin Apartmanı Kat:2 Daire:6

Kadıköy/İstanbul

PERSONAL INFORMATION

- **Birth Date:** 26.10.1995
- **Marital Status:** Single
- **Driver License:** B (13.02.2014)
- **Military Service:** Postponed Till 06.2020

EDUCATION

- **University (B.Sc. Degree):** Yasar University Electrical Electronics Engineering GPA: 2.31 (2013-2018)
- **High School:** Sehit Erkan Ozcan Anatolian High School Math and Science (2009-2013)
- **Middle School:** Izmir Ozel Turk College (2007-2009)

PROFESSIONAL EXPERIENCE

- **Farplas Automotive** Paintshop Engineer (03.2019 – Present)
- **Magmaweld Oerlikon Welding** Electrical Maintenance Engineer
Responsible for all electrical faults, maintenance and repair. Installation of software and hardware systems. (06.2018 – 02.2019)
- **Habitat Association** Volunteer Instructor
Teaching kids between 8-12 age coding, basic design of an algorithm, how to solve simple programming problems and creating their own computer games with the help of Windows Kodu Gamelab, Scratch and Mbot. (09.2016 – 01.2018)
- **Met Engineering and Construction** Engineering Intern
(05.2017 – 07.2017)
- **Eldor Corporation** Engineering Intern (06.2016 – 07.2016)

LICENCES AND CERTIFICATION

- **Responsible for High Voltage Operations** from Chamber of Electrical Engineers (01.2019)
- **The Authority to Audit and Report the Internal Electrical Installations** from Chamber of Electrical Engineers (01.2019)
- **International English Language Testing System (IELTS) Exam 6.0**
Score B2 (Upper Intermediate)
- **Scratch, Kodu Game Lab and Mbot Instructor Certificate** from Habitat Association

PROJECTS

- **A Hardware Demonstration of Wireless Access for The Internet of Things** Senior Design Project: This project demonstrates the hardware implementation of a wireless access scheme by which IoT devices transfer traffic to a single IoT Gateway. Novel scheduling algorithms are used to schedule the uplink traffic of IoT devices in a collision-free manner. In this project, while a few nodes are implemented in hardware, the rest of the nodes are simulated in a large simulation set-up. The simulation interacts with the hardware implementation. Energy consumption and throughput are measured for the entire system. Furthermore, the distance over which the hardware part of the system works is measured. This information can be used for real-world

deployment of IoT devices. The project is aimed at enabling the transfer of sensor data seamlessly from the IoT devices to the IoT Gateway.

SOFTWARE KNOWLEDGE

- Microsoft Office
- Matlab, Simulink
- Python, Raspberry Pi
- Cofaso, AutoCAD, Proteus
- PLC S7 1200 TIA Portal, GMT Suite
- Scratch, Mbot, Kodu Gamelab

FOREIGN LANGUAGES

- English

EXTRA CURRICULAR ACTIVITIES

- AIESEC MMW'12 Member
- Yasar University ESN Member
- Yasar University Handball Team Player
- Bornova Belediyespor Handball Team Player

REFERENCES

- **Onur Ala** Maintenance Unit Leader at Magmaweld Oerlikon Welding

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- **Volkan Rodoplu** Associate Professor at Yasar University

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