

UĞUR ÖZGÜR

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Electrical engineering student,

- Experienced in PCB design and embedded programming.
- With a proven track record of collaborating with multidisciplinary and multinational teams.
- Capable of doing research and discussing technical topics fluently in English.



EDUCATION

Istanbul Technical University

Electrical Engineering Undergraduate Program

4th Grade

- MasterBee Undergraduate & Graduate Combined Program (with Electrical Engineering Master's Program)

Bachelor of Science

2019 – Present

Haydarpaşa High School

GPA: 91.54 / 100

- Robotics Club, Co-Founder and Co-President (2017 – 2018)
- The Bronze Standard of The Duke of Edinburgh's International Award (2017)

High School Diploma

2015 – 2019

WORK EXPERIENCE

Turkish Aerospace Industries, Inc.

Electrical Engineering Intern

- Systems engineering of jet aircraft electric power systems.

07/2023 – 09/2023

Ankara

Smart Marine Teknoloji A.Ş. – An Affiliated Company of Avatec Marine Servis Ltd. Şti.

Electrical Engineering Intern

- Project management, research and development of marine electrical instruments.

06/2022 – 06/2023

Pendik, Istanbul

BAYKAR Unmanned Aerial Vehicle Systems

Electrical Engineering Intern

- Research and development of UAV ground electrical systems.

06/2021 – 09/2021

Esenyurt, Istanbul

Istanbul Technical University Remotely Operated Vehicle Team

Electrical Hardware Developer

- Teknofest 2020 Gaziantep, Unmanned Underwater Technologies Competition, 5th Degree on Advanced Level
- MATE ROV Competition 2021, Turkish National Competition, Explorer Level, 1st Degree
- MATE ROV Competition 2021, Telepresence Category, Explorer Level, 6th Degree, 3rd Degree on Technical Documentation

09/2019 – 08/2021

Sarıyer, Istanbul

EXAM RESULTS

e-YDS (Computer-Based Foreign Language Test) 2023/2

Language: English, Score: 82.50/100, Level: B

03/2023

Ankara

COMPUTER SKILLS

Altium Designer – Intermediate

Designed well-functioning PCBs to use on various platforms.

Cadence PSpice – Intermediate

Performed electrical simulations of power electronics circuits and active signal filtering circuits.

C Programming – Pre-Intermediate

Programmed various microcontrollers, especially STM32, AVR series and 8051 derivatives.

8051 Assembly – Pre-Intermediate

Implemented “8051 Instruction Set” compatible low-cost MCUs on embedded electronics projects.

AutoCAD, Autodesk Inventor, SolidWorks – Beginner

Enough experience to design simple mechanical parts to be manufactured with a FDM 3D printer.

MATLAB, Python – Beginner

Can perform scientific calculations on computer.

VHDL – Beginner

Worked with Cyclone 10 series FPGAs on simple electrical projects.

Software Defined Radio – Beginner

Used RTL-SDR and HackRF One SDR devices on amateur radio studies and maritime safety instrument development projects.

NETWORKS AND MEMBERSHIPS

IEEE (Institute of Electrical and Electronics Engineers)

2022 – Present

Student Member

- IEEE Power and Energy Society Membership
- IEEE Communications Society Membership

Istanbul Technical University Search and Rescue Club

2022 – Present

Member

- Board Member as Communication Logistics Director (2022 – 2023)
- Supervisory Board Reserve Member (2023 – Present)

Istanbul Technical University Robotics Club

2019 - Present

Member

- PCB (Printed Circuit Board) Design Instructor

Haydarpaşa High School Alumni Association

2019 – Present

Member

HOBBIES AND INTEREST

Ham Radio Operator

HAREC level

Callsign: [TA2BHI](#)

Chess Player

Haydarpaşa High School Sports Club

FIDE ID: [44528043](#)