



ÖMER FARUK DEMİRTAŞ

ELECTRICAL AND ELECTRONICS ENGINEERING

ABOUT

I aim to apply my theoretical engineering education practically and have strengthened my computer skills through independent research. I am a curious and open-minded individual, enthusiastic about contributing to your company while further developing my skills.





CONTACT

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-  [@farukdemirtas](https://github.com/@farukdemirtas)

LANGUAGE SKILLS

- Turkish 
- English 
- Spanish 
- Portuguese 

COMPUTER SKILLS

- C/C++ 
- STM32 
- KiCad 
- Matlab 
- Assembly 
- FPGA 

PERSONAL STRENGTH

- Self Improvement -Collaboration
- Developing Others -Decisiveness
- Enthusiasm -Communication

INTERESTS



EXPERIENCE

INTERN PCB DESIGN ENGINEER

Viyalab, Trabzon, Turkey | Summer 2023

- Contributed to advanced PCB designs, improving layout skills.
- Collaborated with engineers to create schematics and layouts.
- Worked in cross-functional teams to meet project requirements.
- Gained insights into industry trends and best practices.

INTERN ENGINEER

Ministry of Environment, Urbanism , Trabzon, Turkey | Summer 2022

- Conducted power calculations using AutoCAD.
- Designed essential lighting, plug, and data line configurations for project requirements.

MODEL SATELLITE TEAM MEMBER

Creatiny, Trabzon, Turkey | November 2021-August 2022

- Played a pivotal role in the power distribution phase.
- Designed the project's PCB.

BOARD MEMBER

IEEE KTU, Trabzon, Turkey | May 2021

- Collaborated with recruitment managers from industry-leading companies within the field.
- Presented my portfolio of projects to CEOs and key stakeholders.

EDUCATIONAL BACKGROUND

SCHOOL OF TECHNOLOGY

Polytechnic Institute of Cávado and Ave
Barcelos, Braga, Portugal | Erasmus+ Mobility

ELECTRICAL & ELECTRONICS ENGINEERING BACHELOR'S DEGREE

Karadeniz Technical University
Trabzon, Turkey | 2025 Graduate GPA: 3.24/4

PROJECTS

ROBOT DOG

- Implemented Inverse Kinematics through online resources.
- Collaborated on 3D printing and power distribution.

WEATHER STATION

- Designed and developed a Weather Station using ESP8266 NODEMCU.
- Created a custom enclosure using Fusion360.