



# Sadık ÖZEL

Electric-Electronics Engineer

✉ sadikk.ozel@gmail.com 📞 +90 545 413 54 37 📍 Samsun

## Profile

In my first year at the university, I successfully completed B2 level by studying optional preparation. I am working on the C/C++ programming language that I started in 2019 and I am continuing to develop it. I am sharing some of the various projects I have done for classes and as a hobby on GitHub. Some of the projects I have done during my school period are as follows: Robot that can be controlled via Wi-Fi, robot controlled via ESP32-CAM, addressable RGB LED, EMG amplifier, liquid level control. I took part in the OMÜHENDIS Career Days team organized by the IEEE community of our university in 2020 and 2021 and events were held. I have completed a mandatory internship in the R&D department of Simfer Global. During the internship, I gained experience by studying various electronic components, cards and embedded software. I took part in the software and hardware part of our Quadruped Robot team, which we established in the context of the Teknofest competition. I have decided to advance my career on software in the future and I am working towards this.

## Education

### University

Ondokuz Mayıs University, Samsun

Electrical-Electronics Engineering, GPA: 3.35

Sep 2018 - Present

## Employment

### Intern

SİMFER, Kayseri

Jul 2022 - Sep 2022

\* Designed and developed circuit boards for electric and gas stoves. Gained experience about the power management of electric stoves.

\* Experience was gained in developing firmware for microcontrollers and microprocessors used in electric and gas stoves.

\* Communication Protocols: USB, SPI, I2C, UART, etc. Knowledge was gained in the implementation of communication protocols.

\* Electronic Instruments: The ability to use Oscilloscopes, Spectrum Analyzers, breadboards, electronic modules and Multimeters for testing and troubleshooting was acquired.

## Projects

### KASIF QUADRUPED ROBOT

Oct 2022 - Jun 2023

Functions such as movement and mapping have been researched and performed in QUADRUPED robots.

In our team of 4 people, together with my teammate, our robot was enabled to gain the desired characteristics by undertaking tasks in 2-dimensional mapping, image transmission and ground station sections. Our project was accepted to receive support from the TUBITAK-2209A project support program and reached the final in the technology for the benefit of humanity category at the Teknofest 2023 competition.

## References

Ali Furkan Hastürk

SİMFER, Kayseri

+90 505 955 97 40

Ali Özel

LC WAİKIKI, Ankara

+90 541 898 98 42

Cengiz Tepe

Ondokuz Mayıs University, Associate Professor Doctor Lecturer, Samsun

+90 538 858 32 21

## Personal details

Driver's license

B

LinkedIn

linkedin.com/in/sadikozel

GitHub

github.com/sadikozel

## Skills

C/C++



ROS



Java



JavaScript



Python



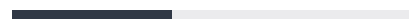
MATLAB



SIEMENS TIA PORTAL



Multisim



Proteus



MS Office Applications



## Languages

Turkish (Native)



English



German



## Hobbies

■ Camping

■ Illusion