

Sadık ÖZEL

sadikozel.github.io 

+90 545 413 5437 

sadikk.ozel@gmail.com 

www.linkedin.com/in/sadikozel 

After successfully completing the optional preparatory class at B2 level at the university, I graduated from Samsun Ondokuz Mayıs University, Department of Electrical and Electronics Engineering in 2024. Since 2019, I have been interested in C / C++ programming languages and have been developing various projects within the scope of the course and as a hobby. I share some of these projects on GitHub. During my education, I developed projects such as Wi-Fi controlled robot, addressable RGB LED, EMG amplifier, liquid level control and food label analysis with OCR. I completed my compulsory internship in the R&D department of Simfer Global and gained experience on various electronic components, cards and embedded software. Since November 2024, I started working in a company operating in the field of automation and robotics. In this process, I took an active role especially in the AMR project. I developed the autonomous driving and mapping processes of the robot using ROS. I also had the opportunity to work on computer vision-based solutions by taking part in camera measurement systems projects. Having a strong knowledge of hardware and software, I aim to advance my career in the field of software engineering and continue my studies in this direction.

Education

2018 - 2024

[Electrical-Electronics Engineering](#) / Ondokuz Mayıs University, Samsun

I completed the optional preparatory class at B2 level and my undergraduate education with a GPA of 3.39/4.

Experience

NOV 2024 - PRESENT

[Robotics Engineer](#) / AZE Otomasyon, Istanbul

- In the autonomous mobile robot (AMR) project, an autonomous driving system was developed using ROS.
- Active role was taken in mapping and navigation processes.
- Worked on image processing based solutions in camera measurement systems projects.

JUL 2022 - SEP 2022

[Intern](#) / Simfer, Kayseri

- Circuit board design and embedded software development for electric cookers and ovens.
- Implementation of communication protocols such as USB, SPI, I2C, UART.
- Studies on power management, testing and fault detection.

Skills

C/C++ • Python • ROS • SIEMENS TIA Portal • MATLAB • KiCAD • Proteus • MS Office Applications

Projects

[Kaşif Quadruped Robot - 2023 Teknofest Finalist](#)

In our team of 4 people, together with my teammate, we undertook the tasks in 2D mapping, image transfer and ground station sections and ensured that our robot gained the desired features. Our project was accepted for support from the TÜBİTAK-2209A project support program.

References

Ali Furkan HASTÜRK - Simfer - +90 505 955 97 40

Cengiz TEPE - Associate Professor at Ondokuz Mayıs University - +90 538 858 32 21