



METEHAN DEMİRTOLA

Electrical and Electronics Engineering Student

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CONTACT

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ABOUT

Ostim Technical University, 3rd-year student. I have been working with embedded software for a total of 6 years since I started learning Arduino in high school. Additionally, I have learned Python, Linux, and other related skills for hobby purposes.

SKILLS

- Arduino
- STM32
- ESP32, ESP8266
- Python
- Eagle, Proteus
- Electronics

WORK EXPERIENCE

PART TIME R&D ENGINEERING

Daz Tech Mühendislik - 4 months

Initially worked with Python, later focused on embedded software. Programmed STM32 and gained knowledge of communication protocols (i2c, spi, uart, sbus, etc.).

PART TIME R&D ENGINEERING

İkartu Dinamik - 2 months

After a 3-week internship, joined a project involving the detection of human motion with ESP8266 and ESP32, transmitting data via WiFi to a computer for the development of a VR system. Used ESP8266 and MPU6050 sensor to detect all limb movements, sending the data to the main device via esp-now. The main device then transmitted all data to the computer via WiFi.

INTERN

Yıldırım Elektronik - 5 months

Arduino was utilized in projects at the company. Consequently, I implemented various projects with Arduino, including a software where 36 sensors were individually read and PWM signals generated for motor control.

EDUCATION

OSTIM TECHNICAL UNIVERSITY

Electrical and Electronics Engineering

2020 - Still