MUHAMMET MERT KUŞ
ELECTRIC ELECTRONIC ENGINEERING STUDENT

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EDUCATION

ESKISEHIR OSMANGAZI UNIVERSITY

ELECTRIC ELECTRONIC ENGINEERING

2020-2025

ISTANBUL AYDIN UNIVERSITY

Electronic Technologies

2017-2019

CENGELKOY VOCATIONAL AND TECHNICAL ANATOLIAN HIGH SCHOOL

Electrical and Electronics Technology

2013-2017

TECHNICAL SKILLS

- C / C++ *Advanced*
- Python *Intermediate*
- Object-Oriented Programming
- Microsoft Office
- Autocad *2D*
- Solid Works *Beginner*
- OpenCV
- Matplotlib
- 3D Printer Operation and Management
- PLC Assembly and Soldering
- Prompt Engineering

LANGUAGE

- English *Intermediate*
- Turkish *Native*

REFERENCES

YASİN AKPINAR

Production Manager, GMT Industrial Electronics

+90 5336997191

ABOUT ME

Muhammet Mert Kuş is a graduate of Istanbul Aydın University in Electronics Technology and currently a senior-year student in the English Electrical and Electronics Engineering program at Eskişehir Osmangazi University. With a strong technical background and an ability to create innovative solutions, he continuously develops his expertise in the engineering field. Proficient in programming languages such as C/C++ and Python, he is a team-oriented, solution-focused engineering candidate who quickly adapts to technological advancements, aiming to deliver effective solutions to technical challenges.

PROFESSIONAL EXPERIENCE
ELECTRONIC TECHNICIAN

GMT Industrial Electronics - 2019 - 2020

Worked as a technician during the summer at GMT Industrial Electronics, a company producing domestic PLC systems. Completed a high school internship at this company and later fulfilled part of the university internship there as well. Gained technical knowledge and experience in the production department during this time.

IT INTERN

Istanbul Aydın University - 2019 - 2019

Provided maintenance, network management, and technical support for the institution's computer systems in the Information Technology department. Responsibilities included solving software and hardware issues, user support, managing system security, and performing data backup processes.

PROJECTS

LINE-FOLLOWING ROBOT

- Designed with SolidWorks and assembled on a copper board, the robot detects lines on the ground through sensors and moves accordingly.

SOLAR TRACKING SYSTEM

- 3D-designed parts that direct solar panels to the most efficient angle using LDR sensors and generate energy via USB.

RGB IMAGE FEATURE DETECTION

- Developed using C++ and OpenCV to detect lines and corners in RGB images and visualize them.

K-MEANS CLUSTERING

- Implemented clustering and visualization of data points using the K-Means algorithm in C++.

PLOTCLOCK

- Designed a mechanical clock capable of automatically writing the time using Arduino. The clock writes and erases the current time with servo motors and software integration.