

AHMET CANKARDES

ELECTRICAL & ELECTRONICS ENGINEER

+90 551 140 7281

cankardesahmet99@gmail.com

www.linkedin.com/in/ahmet-cankardeş-379528215

Middle East Technical University, Isa Demiray Dormitory, Ankara/Türkiye

About Me

As a senior Electrical and Electronics (E&E) student at Middle East Technical University (METU), my passion lies in the realm of robotics. I am excited to pursue a master's degree or Ph.D. in this field to further my knowledge and skills.

Education

Middle East Technical University

Electrical and Electronics Engineering Senior Year

- September 2019 - present
- CGPA: 3.08 / 4.0

Malatya Anatolian High School

- 2015-2019
- I graduated in second place.
- Ranking for University Entrance Exam: 1849, 2.5 million exam participants

Internship

Baykar Technologies

- 14.08.2023-23.08.2023
- Flight Control Systems

NETAS Telecommunication

- 18.07.2022-26.08.2022
- I designed an IP PoE+ 8W Speaker

Language

- English (C1)
- Turkish (Native)
- Greek (A1.1)

Hobbies

- Chess (7th place in the Malatya City Tournament)
- Basketball (Malatya Anatolian High School Team)

Volunteering

ANATEK UAV Team

2022-2023

- As a project leader for Teknofest's Mixed Swarm Robots Competition, I've gained expertise in various areas such as swarm navigation, path planning, trajectory generation, Mellingner Controller, and obstacle avoidance algorithms.

2021-2022

- I participated in AUVSI-SUAS competition in Maryland/USA
- I contributed to the production of the composite fixed wing UAV and the electronic integration processes for this UAV.
- I worked on route planning and obstacle avoidance algorithms. I also did simulation tests of this algorithms using Gazebo.
- Overall Rank:10
Mission Rank:12
FRR Rank: 7
Technical Design Rank: 2

2020-2021

- I participated in the production and testing of fixed wing UAVs.
- I studied image processing and UAV controllers

2019-2020

- With the team, I learned Arduino, Python, and C programming

Skills

- Python
- C/C++
- ROS(Robot Operating System)
- Linux Operating Systems(Ubuntu)
- Simulation Environments (Gazebo)
- Git & Gitlab
- Matlab
- Proteus
- LTspice
- UAV Avionics
- 3D Design(Siemens NX, Fusion 360)