

MUAMMER TIRYAKI

Ankara-TURKIYE

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PROFESSIONAL SUMMARY

I am an industrial engineering student with a passion for leadership who enjoys generating new ideas and methods, developing systems, and implementing them in creative ways. I am particularly interested in working in the fields of software and artificial intelligence and eager to develop my skills in these areas.

CORE COMPETENCIES

3D object scan with Point Clouds, Machine Learning and Artificial Intelligence, Computer Vision Applications, Autonomous Air and Ground Vehicles, Operations Research, Python (Intermediate level), Cpp (Intermediate level), Strong Team Spirit, Proactive, Strong Organizational Skills

EXPERIENCES

CLONIFY LABS Company- Founder, August 2024

The project is a business idea developed to make the production of personalised orthotics and prosthetics in the healthcare sector faster and more accurate. The project aims to modernize the production process of prosthetic molds by using 3D scanning and printing technologies.

MARKUT UAV Team - Student UAV Competition Finalist, November 2023 - Present

We have been working on autonomous cargo unmanned aerial vehicles in the competition organized by the Robonation foundation for 22 years. I am responsible for team coordination and software in our finalist team.

Raven Fighting UAV Team - TEKNOFEST, November 2021 - Present

I have been involved in algorithm development, software, and electronics in the UCAV competition organized by TEKNOFEST. Our team, which has participated in the competition for 3 years, recently ranked 11th.

Ekinoks Agricultural UGV Team - TEKNOFEST November 2022 - 2024

I take on the role of liaison and software responsibilities for the team competing in the TEKNOFEST agricultural unmanned ground vehicle category.

Asel Air Defense Team - TEKNOFEST January 2024 - 2024

I am responsible for liaison and software for the team competing in the TEKNOFEST air defense systems category.

ALKA AVCI RAAS - TEKNOFEST 1st November 2020 - September 2021

Our project ranked 1st in the TEKNOFEST defense industry category. It consists of an electro-mechanical system designed to increase shooting accuracy by making the binocular system intelligent. I served as the software team captain

TRAINING AND CERTIFICATES

Hacettepe University 2020-2025

Industrial Engineering 4. year student

Nesin Mathematics Village IAC 74th

Mathematical Education for Machine Learning

R&D unit board member 2021-2023

Hacettepe Industrial and Systems Society

Ankara Anadolu Lisesi 2015-2019

International Astronautical Congress

Azerbaijan-2023

Hacettepe Dance Sports Community

Active member 2023 – Present