YIGIT YILMAZ

MECHATRONICS ENGINEER

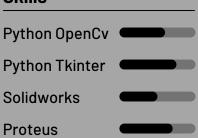
Personal Details

Date of birth June 12th, 1999

Place of birth Istanbul

Driver's Licence Class B driver's license

Skills



FluidSim



HTML



JavaScript

Languages

Russian

Turkish
English
German

+90 535 030 6458

Personal Website

https://ephemeral-toffee-b9874d.netlify.app/index.html

Education

2017-2022 Kocaeli University

Mechatronics Engineering

Employment & Internships

2018 Intern	Transvaro A.Ş. CNC Machine Operator	I've worked with cnc machines with different axis grades, such as 3+1,4, 3+2
2019 Full-Time	Transvaro A.Ş. CNC Machine Operator	I've experienced router machine systems and successfully understood the logic behind coding the machine to get desired final product. I used CAD/CAM and Hypermill programs.
2021 Intern	Transvaro A.Ş. R&D	I developed test kits using Arduino and STM32. I've been in the planning, production, testing and sales stages of different projects.

Certificates

2018	Production Processes Technical Visit / Hyundai
2018	Entrepreneurship Seminar

2019 Occupational Health and Safety Course

Projects

Combat UAV

I was the captain of the QuadTech Software Development team and I was also working on autonomous system software competing in the UAV rotary wing category fighting in the 2021 Teknofest competition.

Wireless Underwater Systems

My team and I are worked together to enable wireless operation of underwater vehicles. I worked on sealing and communicating these systems, which can be called underwater drones.

Police Drone

The project I realized as my graduation project is a low-cost mobile radar system. The goal of the project, which uses intensive image processing, is to reduce the danger in traffic and create a safe environment for everyone. Speed measurement and plate reading operations were carried out in the project. Thesis can be shared if desired.