

# YIGIT YILMAZ

MECHATRONICS ENGINEER

+90 535 030 6458

Personal Website  
<https://ephemeral-toffee-b9874d.netlify.app/index.html>

## Educational

**2017-2022**      Kocaeli University  
Mechatronics Engineering

## Employment & Internships

<b>2018 Intern</b>	Transvaro A.Ş. CNC Machine Operator	I've worked with cnc machines with different axis grades, such as 3+1,4, 3+2
<b>2019 Full-Time</b>	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.
<b>2021 Intern</b>	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**      Product on 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 intense 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.

## Personal Details

Date of birth  
June 12th, 1999

Place of birth  
Istanbul

Driver's Licence  
Class B driver's license

## Skills

Python	OpenCv	<div></div>
Python	Tkinter	<div></div>
Solidworks		<div></div>
Proteus		<div></div>
FluidSim		<div></div>
Cosimir		<div></div>
HTML		<div></div>
CSS		<div></div>
JavaScript		<div></div>

## Languages

Turkish	<div></div>
English	<div></div>
German	<div></div>
Russian	<div></div>