



# BERK ERSOY

MECHATRONIC ENGINEER

## PERSONAL INFORMATION

Place of birth: Bursa  
Date of Birth: 17.10.1999  
Marital Status: Single  
Additional Information:  
Class B driver's license

## PERSONAL SUMMARY

I graduated from the University of Kocaeli, Mechatronics Engineering. I am currently working as an R&D engineer at MKE. I am a successful team player. I'm a person who likes to develop and learn.

## HOBBIES

Cinema  
Theatre  
Football  
Basketball  
Reading Books  
Camping and Hiking

## CONTACT INFORMATION

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## WORK EXPERIENCES

### R&D Engineer

MKE March 2022- Present

I am currently working at the MKE as a R&D Engineer.

### Intern

MKE Artillery Factory June 2021- July 2021

I worked in R & D and production departments at the MKE.

### Team Leader

QuadTech March 2020 - Present

I carried out studies on Unmanned Aerial Vehicles with my team, which I founded in March 2020. I founded a club in Kocaeli University in the name of the growth of the team and projects. The club actively carrying out 3 different projects with 35 people in it.

### Intern

RB Karesi A.Ş June 2019 - August 2019

I worked in the textile company RB Karesi Inc. I did maintenance and repair works in Electrical and electronics workshop. Apart from this, I participated some projects in the company that were dedicated to machine development

## PROJECTS

### Combat UAV

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

### Herd Drone

It is the name given to more than one aircraft that is in constant contact with each other. In the project, I perform the connection of vehicles with each other and the planning of the mission.

### Wireless Underwater Systems

My team and I are worked together to enable wireless operation of underwater vehicles. I'm 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.

## SKILLS

### Software Languages:

- C, C# , C++
- Python (TensorFlow,OpenCV)
- Basic
- Matlab
- Simulink

### Techical Drawing:

- Solidworks
- Autocad

### Basic Programs:

- Microsoft Office
- Proteus
- Visuino
- MultiSim
- Photoshop
- FluidSim
- Altium

### Personal Features:

- Electronic Systems
- Circuit Design
- Team Player
- Strong Communication
- PLC Programming
- Leadership
- 5S
- Risk Analysis

## EDUCATION

### Kocaeli University

September 2017 - February 2022

I graduated from the University of Kocaeli, Mechatronics Engineering. My GPA is 2.75 / 4

## LANGUAGES

English: C1

German: A2

Turkish: Native

## TRAININGS & CERTIFICATES

2018- Entrepreneurship Seminar

2019- Occupational Health and Safety Course

## REFERENCES

Yücel DEMİRCİ

Roketsan A.Ş.

Production Engineering Manager

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Makbule SARIKAYA

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