

# Muhammed Sezer

## Resume

METU, Ankara, Turkey

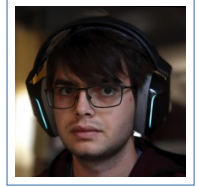
+90-530-613-61-84

✉ muhammedsezer12@gmail.com

in muhammed-sezer-160428208

🎧 sezer-muhammed

📺 IMSezer



## Education

2017–2023 **Bachelor of Science**, *Middle East Technical University*, Ankara  
Major in Electrical & Electronics Engineering

## Experience

### Full-time Positions

2022 - **Established Orion Robotics**, *Robotics Start-up*  
○ Received support from the TÜBİTAK 1512 BIGG program.

### Research

2020-2022 **Contributed to Swarm Robotic Research**, *ROMER*, Swarm Robotics  
○ Worked under the guidance of Prof. Ali Emre Turgut.  
2019-2022 **Developed a Mobile Robot**, Mobile Robotics  
○ Worked under the supervision of Prof. Klaus Werner Schmidt.

### Internships

2022, Summer **Contributed to Rehabilitation Robotics Research**, *TED University*, Rehabilitation Robotics  
○ Worked under the guidance of Prof. Kutluk Arıkan.

## Skills

### Programming Languages

C++, C, Python

### Frameworks and Libraries

|         |            |          |            |              |
|---------|------------|----------|------------|--------------|
| ROS2    | Gazebo     | IsaacSim | ArduPilot  | PX4          |
| OpenCV  | NumPy      | pandas   | SciPy      | scikit-learn |
| PyTorch | TensorFlow | seaborn  | matplotlib | plotly       |
| Jupyter | Fusion360  |          |            |              |

### Soft Skills

Problem Solving, Planning, Risk Management, Crisis Management, Teaching, Stress Management, Avoiding Complication

## Awards

- Atılım University: **#1** in **entrepreneurship** competition
- Teknofest 2022: **#2** in **Transportation in Artificial Intelligence** competition
- Tubitak 2242: **Mansion** in **University Students Research** competition

## Languages

Turkish Native  
English Professional  
Russian Beginner

## Interests

Art-Based Photography, Poetry, Creating content  
Nerd-Based Documenting, Creating report text

 Digital Assets

[Google Scholar Profile](#)

[Second YouTube Channel](#)