

Muhammed Sezer

Resume

METU, Ankara, Turkey

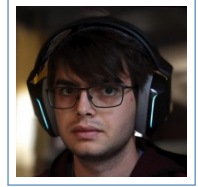
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Education

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
○ AI assisted swarm sensor
○ 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 **Research Intern**, TED University, Ankara
○ Developed a new rehabilitation robotic system.
○ Worked under the guidance of Prof. Kutluk Arıkan.

Skills

Programming Languages

C++ ★ C Python ★ Html

Frameworks and Libraries

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|--------------------|--------------|--------------|-------------|-----------|
| ROS2 ★ | Gazebo | IsaacSim | ArduPilot ★ | PX4 |
| OpenCV ★ | NumPy ★ | scikit-learn | PyTorch ★ | Fusion360 |
| Prompt Engineering | Transformers | | | |

Soft Skills

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|---------------------|-------------------------|---------------------|-----------------------|
| Problem Solving ★ | Planning | Risk Management ★ | Crisis Management ★ |
| Stress Management ★ | Avoiding Complication ★ | Teamwork | Communication |
| Adaptability | Time Management | Conflict Resolution | Decision Making ★ |
| Teaching ★ | Creativity ★ ★ | Flexibility | Organizational Skills |

Awards

○ Atılım University: **#1** in **Entrepreneurship** competition
○ Teknofest 2022: **#2** in **Transportation in Artificial Intelligence** competition
○ Tubitak 2242: **Mansion** in **University Students Research** competition
○ UNICEF 2023: **#2** in **Young Entrepreneurs Idea Marathon**

Languages

Turkish Native
English Professional
Russian Beginner

Interests

Art-Based Photography, Poetry, Creating content, Youtube
Nerd-Based Documenting, Creating reports
Human-
Based Volunteering, Mentoring, Cultural Exchange

Papers

Google Scholar Profile

- Effect of Adaptive Assisted Exoskeleton Control System on Motor Learning Skills, 2022