

Muhammed Sezer

Resume

METU, Ankara, Turkey

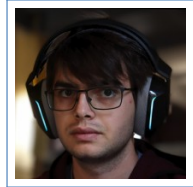
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Education

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
○ 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

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

Soft Skills

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

Nerd-Based Documenting, Creating reports
Human-Based Volunteering, Mentoring, Cultural Exchange

Digital Assets

Google Scholar Profile

- Effect of Adaptive Assisted Exoskeleton Control System on Motor Learning Skills, 2022 [Click to See](#)

Second YouTube Channel

A platform where I share tutorials, discussions, and insights on various tech-related topics. [Click to See](#)