Muhammed Sezer

Resume

METU, Ankara, Turkey
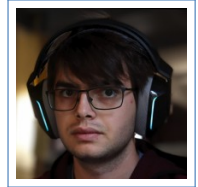📱 *+90-530-613-61-84*
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 sezer-muhammed
▶ *IMSezer* | ▶ *SezerSevval*

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 BİGG 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, 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