Furkan Yasir Göksu

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EDUCATION

Istanbul Technical University   *2023 – 2025*
Artificial Intelligence and Data Engineering   Istanbul, Turkey
GPA : 3.5

Istanbul Technical University   *2021 – 2023*
Electronics and Communications Engineering - Transfer   Istanbul, Turkey
GPA : 3.6

WORK EXPERIENCE

Autonomous Team Member   *January 2023 – Present*
ITU ZES Solar Car Team   Istanbul, Turkey

- Create and develop software modules for autonomous driving systems, encompassing perception, planning, and control. Conduct rigorous testing of automated driving systems in simulated and real-world environments.
- Configure and precisely calibrate sensors, such as LiDAR, cameras, and GPS, to ensure precise data acquisition.
- Specialize in AI and ML model development for enhancing system capabilities.
- Utilize programming languages like C++, Python, and ROS (Robot Operating System) to design and implement advanced algorithms and models.

ACTIVITIES

Volunteer, Competitor   *September 2021*
Innostry Hackathon Germany   Germany

- Participated Innostry's open innovation hackathon, in 2021, to develop innovative tools to make industry smarter and more connected. Putted in a lot of effort to lead team to success in this sustainable hackathon(2ndplace).

CERTIFICATIONS

CS50'S Introduction to Computer Science | Harvard   *May 2023*
Machine Learning Specialization | DeepLearning.AI   *September 2023*
IBM Data Science Professional Certificate | IBM   *October 2023*
Deep Learning Specialization | DeepLearning.AI   *January 2024*
Introduction to Artificial Intelligence with Python | Harvard   *September 2023*

SKILLS

Software Languages: Python, C, C++, C#, SQL, JavaScript

Frameworks: Keras, PyTorch, Pandas, Matplotlib, Qt

Databases: PostgreSQL

Tools: Apache NiFi, Elasticsearch, Kibana, ROS, Git

Languages: Fluent English and Turkish, Beginner German