İLKER YILMAZ

COMPUTER ENGINEERING STUDENT

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ABOUT ME

I am a highly motivated 4th-year computer engineering student with intermediate-level skills in backend and frontend development. I have a strong understanding of object-oriented programming and data structures, which I effectively apply in problem-solving and software development. I am experienced in working collaboratively within teams and have contributed to various project developments in team-based environments.

EXPERIENCE

GTU Rover Team Aug 2022 - Dec 2023
Software Team Member

I worked as a software team member in a team developing an autonomous space exploration rover to participate in international competitions. I was involved in developing the web-based user interface of the rover and team's website using React.

EDUCATION

Gebze Technical University Sep 2020 - Present
Computer Engineering

LANGUAGE

Turkish Native

English B2/C1

SKILLS

- C/C++
- Java
- Assembly
- Linux
- Spring
- React
- Git/GitHub
- ROS/ROS2
- Jira
- PostreSQL

PROJECTS

TicketUp CSE 343 Software Engineering - GTU

TicketUp is a web-based event management application developed as part of the CSE 343 course by a team of five students for a real client. The project is managed using Agile methodology, with regular sprint planning and reviews to ensure continuous progress and client alignment. In this project, I collaborate with a teammate to develop the backend API using Java Spring Boot, PostgreSQL, and deploy it on a DigitalOcean server. I ensure that the backend is designed following modern architectural principles. Additionally, I contribute to the frontend, which is being developed as a web application using React. The project is fully prepared for deployment and will be delivered to the client as a live application at the end of the semester.

COMPETITIONS

Anatolian Rover Challenge '2023 Space Exploration Society - Ankara/Türkiye

Our team ranked 4th in the competition, and were also awarded the 'Team Structure' Award for our cohesion and collaboration.

University Rover Challenge '2023 The Mars Society - Utah/USA

Our team take part and have completed successfully the University Rover Challenge 2023 finals.

Anatolian Rover Challenge '2024 Space Exploration Society - Ankara/Türkiye

Our team ranked 5th in the competition, and were also awarded the 'Material Selection' Award for our cohesion and collaboration.