Talha Karasu

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EXPERIENCE

FRC TEAM 9483: Istanbul Wildcats

Software Team Member / Mentor

- Developed a Progressive Web App (PWA) with Vue is to collect and analyze scouting data, • enhancing the team's match strategy
- Gained experience with advanced control algorithms for pose estimation and trajectory following
- Supported the team in achieving multiple tournament wins and awards, including being the FRC 2024 Houston World Championship Division Winner.

Kodesis Automation

Web Developer Intern

- Developed and optimized web interfaces for automation projects using Vue is
- Worked on real-time data from multiple automation systems, streaming it into a unified interface for enhanced monitoring
- Learned to manage tasks within a structured, real-world environment with deadlines

FRC TEAM 8828: EAL Robotics

Team Captain

- Co-Founded the team and trained the software team members
- Developed robot control systems using Java for autonomous and manual operation
- Gained experience with designing electronic systems that utilize CAN Bus
- Led fundraising initiatives, successfully securing \$20,000+ sponsorships to support team operations

EDUCATION

Istanbul Technical University	2029
Bachelor's degree, Robotics and Autonomous Systems Engineering	
Eskisehir Anatolian High School	2024

LANGUAGES

Turkish - Native

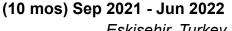
English – High Proficiency

(7 mos) Jun 2022 – Dec 2022

(2 years) Jun 2022 – present

Eskisehir, Turkey

Istanbul, Turkey



Eskisehir, Turkey