Furkan YILMAZ

Senior Computer Science and Engineering Student at Sabancı University

Passionate about problem-solving and designing. Currently enhancing skills in frontend and backend technologies.

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Education

Sabancı University | Bachelor of Science (BS), Computer Science and Engineering   *09/2021 – 06/2026*
– GPA: 3.67/4.00, 100% Honor Scholarship   *İstanbul, Türkiye*

University of Maribor | Bachelor of Science (BS), Computer Science and Engineering   *02/2025 – 07/2025*
– Erasmus+ Exchange Program   *Maribor, Slovenia*

Experiences

ASELSAN – Ankara, Türkiye   *08/2025 – 09/2025*
Summer Intern
– Implemented a live video streaming library with C++, CMake and GStreamer framework.
– Applied various video encoding and transmission protocols, including H.264, RTP, UDP and WebRTC.

BRİSA Bridgestone Sabancı – Kocaeli, Türkiye   *07/2025 – 08/2025*
Summer Intern
– Built a responsive Django-based web app with HTML/CSS/JavaScript and MySQL for field data management.
– Implemented role-based access control, user-friendly data entry forms, table management, data export features, and automated approval workflows.

Activities

Sabancı University - Student Representative Committee   *04/2024 – 10/2024*
Student Representative Committee Member
– Held monthly meetings with the university administration to address student concerns.
– Collected and conveyed student feedback, prepared reports, and worked on solutions to enhance student life.

Projects

SUtore: Developed SUtore, a web-based online store using Django for the backend and React for the frontend, as part of the *Software Engineering* course project. The application delivers a comprehensive e-commerce experience with essential shopping functionalities and a modern, interactive user interface.

Howudoin: Developed Howudoin, a messaging app for seamless communication, as part of the *Mobile Application Development* course. The Spring Boot backend handles authentication, friend/group management, and messaging, while the React Native frontend provides an intuitive interface for user interaction.

GeoQuiz: Developed a quiz website using the MERN stack (MongoDB, Express, React, Node.js) featuring randomized geography quizzes with 10 questions per session. Implemented user authentication via GitHub OAuth, persistent quiz history tracking, and a dynamic leaderboard displayed on the homepage to enhance user engagement.

Other

Language: Turkish (Native)**,** English (B2)
Technical Skills:
    Languages: Python, C++ and Java (Intermediate); HTML, CSS, JS and SQL (Beginner)
    Frameworks: Spring Boot, Django, Node/Express, React, React Native (Beginner)
    Developer Tools: MongoDB, MySQL Workbench, Postman