Furkan YILMAZ

Senior Computer Science and Engineering Student at Sabancı University

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[Website](#) • [LinkedIn](#) • [GitHub](#)

Education

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

University of Maribor *02/2025 – 07/2025*
Bachelor of Science (BS), Computer Science and Engineering *Maribor, Slovenia*
Grade: 9.4/10, Erasmus+ Exchange Program

Experience

ASELSAN *08/2025 – 09/2025*
Summer Intern *Ankara, Türkiye*

- 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 *07/2025 – 08/2025*
Summer Intern *Kocaeli, Türkiye*

- Built a responsive Django-based web application with HTML, CSS, JavaScript, and MySQL for field data management.
- Implemented role-based access control, 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 university administration to address student concerns.
- Collected and conveyed student feedback, prepared reports, and contributed to solutions improving student life.

Projects

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

Howudoin: Developed a messaging application for seamless communication as part of a Mobile Application Development course. Implemented a Spring Boot backend handling authentication, friend and group management, and messaging, with a React Native frontend for user interaction.

GeoQuiz: Developed a quiz website using MERN stack (MongoDB, Express, React, Node.js). Implemented randomized geography quizzes, GitHub OAuth-based authentication, persistent quiz history tracking, and a dynamic leaderboard to enhance user engagement.

Other

Languages: Turkish (Native), English (B2)

Interests: Travelling, Photography, Cycling, Reading

Programming Languages: Python, C++, Java (Intermediate); C, SQL (Beginner)

Web Development: HTML, CSS, JavaScript (Intermediate); Django, Spring Boot, Node/Express, React, React Native (Beginner)

Development Tools: Git/GitHub, MongoDB, MySQL Workbench, Postman, Android Studio

Other Tools: MS Office, Canva, CapCut, Figma