Çağrı Can Saraçaydın

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EDUCATION

Sabanci University | Istanbul, Turkey   **Sep 2021 – Jun 2025**

Faculty of Engineering and Natural Sciences
Computer Science and Engineering
Current CGPA: 3.46/4

Key Courses:

Mobile Application Development (CS310), Software Engineering (CS308), Database Systems (CS306), Logic & Digital System Design (CS303), Data Structures (CS300), Introduction to Data Science (CS210), Advanced Programming (CS204)

Bornova Anatolian High School | Izmir, Turkey   **Sep 2016 – Jun 2020**

VOLUNTEERING

Sabanci University Civil Involment Projects | Istanbul, Turkey   **Spring 2022**
Volunteer

- Organized and facilitated team games, enhancing social skills and fostering a supportive learning environment for over 30 elementary school students.
- Participated in a beach clean-up, removing litter and debris to preserve the local environment.

PROJECTS & CONTRIBUTIONS

Search Engine C++ Project (CS300):

- Developed an efficient C++ search engine to handle extensive text data, optimizing performance with advanced data structures and algorithms.
- Conducted thorough speed and efficiency evaluations of sorting algorithms and search techniques, informing algorithmic optimization in information retrieval systems.

Electronic Air-Hockey Machine Verilog Group Project (CS303):

- Created an FPGA-based electronic air hockey game, integrating LED and seven-segment display simulations for puck movement and player interaction using Verilog and Vivado with my partner.

Open-Source Project Whisky:

- Contributed over 60 English to Turkish translations for the Windows game translation layer for MacOS using Wine wrapper, Whisky.

SKILLS

Languages: Turkish (Native proficiency), English (professional working proficiency)
Programming Languages: C++, Python, Java, SQL, Verilog, HTML/CSS, Flask, Pandas
Software: Word, PowerPoint, Excel, Visual Studio Code, Visual Studio, Clion, Xcode, Eclipse, Git/GitHub
Other: Teamwork, Time Management, Resilience, Object-Oriented Programming, Data Structures and Algorithms, Adaptability, Backend-Development, Data Analysis, Database Systems, Leadership

ACHIEVEMENTS

- Received a certificate from Harvard University's CS50: Introduction to Computer Science (2024).
- Received a certificate from BAT Turkey: Leadership School (2024).
- Achieved Dean's High Honor (2023) and Honor List (2022) for academic excellence.
- Received a Certificate of Achievement from Sabanci University School of Languages (2022).

HOBBIES & INTERESTS

Game Development, Finance, History, Music, Movies, Reading, Swimming, Table Tennis, Volleyball