MERİÇ MERT BULCA

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Education

Sabancı University, Bachelor of Science   **2019 - Expected 2024**

- Major in Computer Science and Engineering, GPA - 3.55
- **Honors / Awards:** Five terms Honor | High Honor Certificate (GPA > 3.5)
- **Course Highlights:** Software Engineering, ML, Algorithms, Data Structures, Mobile Development, Design Patterns, Database Management, Computer Networks

Muammer Dereli Fen Lisesi, High School   **2015-2019**

Experience

Siemens, Part-Time Full-Stack Developer   **07/2022 - 10/2022**

- Contributed to the digital transformation of switchgear production.
- Designed, implemented, and optimized scalable APIs using **PHP**, **MySQL**, and **MSSQL** to accelerate on-site production.
- Developed web-based user interfaces using **Javascript, JQuery, HTML5, CSS, Bootstrap, Semantic UI.**
- Made daily pull requests, code refactoring, and debugging.

Projects

- **SuNFT** (CS 308 - Course Project): Developed the front-end of the NFT Marketplace application using modern technologies/frameworks such as **NextJS**, **Tailwind and Web3.**
- **FLIP / Invoice Report** (Siemens): Developed an invoice tracking system being able to search, filter and sort hundreds of thousands of data on the web along with many other Excel-like functionalities.
- **Twitter Bot and Troll Prediction** (CS 412 - Course Project): Created a ML model for predicting whether an account is a bot or a troll.
- **Conn** (Personal Project): Developing an app where people share notes and, collaborate on tasks and projects to empower their productivity and creativity using **NextJS, Tailwind, Express, and MongoDB.**

Skills

- C++ | Python | JavaScript | TypeScript | Java | PHP | Dart
- HTML | CSS | Tailwind | NextJS | ReactJS | NodeJS | Express | Spring Boot | Flutter | MySQL | MongoDB
- Pygame | Selenium | jQuery | Machine Learning
- Software Architecture | Design Patterns | SCRUM | JIRA | English (Advanced), Turkish (Native)

Certificates

- Mathematics for Machine Learning: Linear Algebra / Imperial College London (Coursera) (View)

Volunteering

Civic Involvement Projects, Volunteer   **02/2020 - 05/2020**

- Visited elderly residents in Darülaceze / İstanbul.
- Organized various activities and spent time for making the residents feel special.

Interests

- ML, Competitive Programming, UI Design   • Playing Guitar, Video Games, Table tennis