Mehmet Berke Karadayi

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Technical Skills

Programming Languages	TypeScript, JavaScript, HTML/CSS, Python, C, SQL, Assembly
Frameworks and Tools	ReactJS, React Native, Tailwind CSS, WordPress, Git/Github, Command Line/Prompt
Hardware	Microcontroller, FPGA, Breadboard, Multimeter, Circuit Analysis, Oscilloscope

Education

University of British Columbia   *Vancouver, Canada*

Bachelor of Applied Science in Electrical Engineering   *Sep 2020 - May 2025*

Technical Work Experience

Cerebrum Tech   *Istanbul, Turkey*

Software Engineer Intern - Front-end   *May 2022 - Aug 2022*

- Led to features and functions of an NFT Marketplace application using **React**, **CSS** and **TypeScript** to manage and improve mining operations on website.
- Built authentication pages for mobile platforms employing **React Native** and **GitHub** for version control.
- Engaged in agile practices to be deadline-driven and scheduled weekly meetings with colleagues and supervisors.

Technical Projects

YouTube Simulator

Personal Project   *July 2022 - Sep 2022*

- Constructed a video-player web application utilizing **JavaScript**, **CSS** and **React**. Users can search and play any video on YouTube.
- The Application Programming Interface (API) is used to interact with the YouTube data server to obtain designated videos from a server with help of Google Developers Club's API.

City | Workout Application

Personal Project   *April 2022 - June 2022*

- Developed a web application to track personal workout plans. The application uses Geolocation API and Google Maps' server-side data rendering to detect user's position asynchronously.
- Designed features and functions with **JavaScript**, **HTML** and **CSS** to manage users' preferences and view current location.

Coin Picking Robot

School Project   *Jan 2022 - April 2022*

- Coordinated a school-based team project by adding functions using **C programming language** to detect and pick coins controlled by the **PIC32 microcontroller system**.
- Designed metal detector circuit and breadboard parts for coin and perimeter detection by utilizing a multimeter, soldering iron and wire cutter.

Volunteer Experience

Turkish Student Association   *Vancouver, Canada*

Events Team Member and Web Developer   *Sep 2022 - Present*

- Conducting team's website using **WordPress** to share student club's vision and share previous event pictures and information.
- Holding networking events to connect Turkish students with employers across British Columbia to build meaningful connections.

Interests and Activities

- Sports
- App/Web Development
- Travelling
- Volunteering
- Video Games