

Steve Pham

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Education

Case Western Reserve University

Bachelors in Computer Science & Minor in Japanese
Dean's Honor List

Aug. 2018 - Dec. 2022

Cleveland, OH

Technical Skill

Programming Languages: Javascript, HTML, CSS, SQL, Java, C/C++, Python

Frameworks: React, Express, NextJS, Tailwind, Bootstrap, Springboot

Databases: MongoDB, PostgreSQL, MySQL, NoSQL

Tools & Libraries: Jest, RESTful APIs, ESLint, React Router, Postman, Vite, Mongoose

Software: Git, GitHub

Projects and Experience

Moolah

- Developed a user-friendly stock tracking and analysis app using React (Next.js), TypeScript, Tailwind, and Supabase.
- Enabled user sign-up, stock monitoring, and comparison of stock data for informed investing decisions.
- Integrated Alpha Vantage API to display vital stock information: high, low, volume, close, and open values.

CWRU Dating Website

- Created a full-stack matchmaking website for students with questionnaire-based matching and ranked lists of similar users as part of an academic project.
- Leveraged Java, SpringBoot, HTML, CSS, Thymeleaf, and PostgreSQL.
- Applied the Model View Controller (MVC) design pattern for collaborative work and team-based project development.
- Exercised leadership and teamwork by guiding group discussions, facilitating task delegation, and enhancing communication and onboarding processes.

Fullstack Open Course 2023 (Parts 1-4)

- Completed multiple full-stack projects, including a Bloglist and Country's Data project integrating OpenWeatherMap API.
- Utilized React, Node.js, Express, and MongoDB.
- Showcased proficiency in CRUD operations, user authentication, and integrating external APIs.

Kanji Dictionary

- Designed and developed apps for parsing an existing Japanese dictionary database and enabling definition lookups for academic coursework.
- Built the backend using Java and JSoup Library, and planned a future iteration using React, Next.js, Tailwind, and JavaScript.
- Employed web scraping techniques via JSoup to extract data and implemented Jisho API for advanced searches.