

Dara_Nguyen

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PROJECTS

Coder Community

May 2020 – present

- A social network for programmers to connect and share ideas, supporting features such as personalized articles, real-time chat, and code collaboration
- Built with **React/Redux** front end, **Node.js** server, **MongoDB** for database, **REST API**, **Web Sockets** for real-time chat, all in **TypeScript (JavaScript)**

Java Project Visualizer

Jun 2020

- An application which analyzes Java source code and generates a visualization for the project structure and relationships between classes and packages
- Built with **TypeScript**, **Java**, **React**, and **Spring Boot**

Flashcard App

May 2020

- A custom domain specific language for flashcards which processes user's input in a code editor and generates the GUI simultaneously.
- Developed with **TypeScript** and **React**

UBC Campus Explorer

Jan – Apr 2020

- Employed test-driven development into building a full-stack web app with **RESTful API** to perform queries on UBC's course and room databases
- Created comprehensive **Mocha/Chai** unit tests to fully analyze user stories and efficiently implement back-end query engine in **Typescript**
- Performed async operations to retrieve web data and interact with ZIP files using **Node.js**

SuperRent (Car Rental)

Sep – Dec 2019

- Designed and implemented a database and client user interface for a car rental system
- Utilized **JDBC** to connect to **MySQL** and perform SQL database queries and updates in a **Java** application

WORK EXPERIENCE

Red Rocket Creative Strategies

Web Developer

May – Jul 2019

- Maintained content management systems including troubleshooting existing **WordPress** websites while ensuring cross-browser and multiple device type compatibility as per client request

Accountant/Office Administrator

Apr 2017 – Jul 2019

- Presented the company's financial operations via data analysis and provided strategic recommendations for specific financial problems to assist managers in making business decisions
- Performed financial functions including bookkeeping, client billing and collection, payroll, bank reconciliation, and sales tax filing

EDUCATION

University of British Columbia

Sep 2017 – Present

B.Sc., Major in Computer Science

TECHNICAL SKILLS

Languages:

JavaScript/TypeScript, Java, C/C++, Python, SQL

Technologies:

Git, HTML/CSS, React/Redux, MongoDB, GraphQL, WordPress

TECHNICAL EXTRACURRICULAR ACTIVITIES

Code the Change, UBC

Sep 2018 – Jan 2019

- Collaborated with a team of 6 to build a website for a non-profit client from scratch using **WordPress**, **HTML/CSS** and **Bootstrap**; the website can be found at <http://patientsineducation.org/>

Competitive Programming, UBC

Jan – Apr 2020

- Develop strategies and implement solutions for data structure and algorithm related problems using **Java** and **C++**