Dara_Nguyen

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PROJECTS

Goi   **May 2020**
- Designed and implemented a flashcard maker app which generates the UI simultaneously as users type in a code editor using DSL processing methods
- Developed with **TypeScript (JavaScript), Node.js**, and **ReactJS**

Accounting App   **Apr 2020 — present**
- Design and implement a full-stack server-side rendered web application to perform accounting functions in multiple languages and currencies
- Built with **ReactJS** front end, **Node.js** server, **PostgreSQL** for database, **GraphQL** for API, all in **TypeScript**

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 websites while ensuring cross-browser and multiple device type compatibility as per client request
- Provided support in implementation of custom websites in **WordPress** and **Drupal**

Accountant   **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: Java, C/C++, JavaScript/TypeScript, Python, SQL

Technologies: Git, HTML/CSS, ReactJS, 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++**