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EDUCATION

Graduate Certificate of Computer Science

Seattle University, GPA 3.8

Seattle, WA

March 2024

Certificate of Advanced Software Development in Full-Stack JavaScript

Code Fellows

Seattle, WA

May 2022 – November 2022

EXPERIENCE

Staples - Software Engineer Intern

June 2023 - August 2023

- Boosted chat support feature activity through development and integration of customer support chat feature within Staples Advantage product pages, utilizing **React**, **React-Redux**, **Next.js**, **SCSS**, and **leveraging Webpack**.
- Mitigated data inconsistency and enhanced user experience by addressing SKU **page reloading** and **state management**. Ensured **100% availability** of required product data is loaded upon request by leveraging **React-Redux tools** and **React hooks**.
- **Bolstered team onboarding** efficiency and overall engineering productivity through development of **documentation** offering team specific responsibilities, local environment configurations, and Jenkins deployment guidelines for feature integration.

Seattle University - Teaching Assistant

September 2023 – December 2023

- Engaged one-on-one with students learning **C++ language** in **Graduate level Advanced Data Structures** course with focus on applications of dynamic memory, binary trees, heaps, recursion, hashes, dynamic lists, and Huffman trees.
- Led detailed **code reviews** and personalized tutor sessions to enhance student comprehension and implementation of **C++ code**.

Clearviction – Software Engineer

February 2023 – July 2023

- Increased engagement among prospective volunteers through development and design of 'Getting Involved' page using **Next.js**.
- Led **Quality Assurance** and website testing by implementing **Cypress Framework's Integration tests** and maintain team testing **documentation** and **QA task assignments**.

PROJECTS

HairByLoann

React, Express, Google Firestore, Bootstrap, Twilio, Heroku

- Amplified online presence for Cosmetologist through design and development of online booking storefront. Actively listen to business owner's goals to create project deliverables and maintain transparency on project outcomes.
- Enhance customer booking by leveraging **Twilio API** to develop appointment booking with SMS notification to business owner.

Typeracer

Java, Socket, Multithreading, Semaphores

- Led development of digital game for users to compete against each other in real-time, racing to type with precision and speed.
- Managed account authentication, query handling, and data transfer with **Socket**, **TCP/IP**, and **RPCs**.
- **Optimized performance** by implementing multiplayer concurrency using **thread pool**, **mutex lock**, and **semaphores**.

Roomiesplit

Java, MySQL, JDBC, Java Swing, AWS RDS

- A desktop app to assist roommates by providing services for calculating and tracking individual and shared expenses.
- Integrated database into a **Java GUI** and **command-line console-application** using **MySQL database**, hosted on **AWS RDS**.
- Leveraged **20+ SQL queries** and stored procedures to enable seamless database query and updates for users, groups, and expenses

WenJobs

React, JavaScript, CSS, Ant UI, Node.js, Express, Puppeteer, Node-Cron

- **Led a team of 6 engineers** to develop a **full-stack** job board for users to explore and apply to **Web3** related jobs.
- **Amassed 30,000 job listings** by developing a **scheduled web scraping** feature that utilized **Puppeteer** and **Node-Cron** libraries.
- Leveraged **SDLC processes** and **agile methodologies (daily stand-up)** to unblock technical delays and ensure project progress.

Bookrecommender

C++, Data Structures, I/O Streams, Standard Library Functions

- **C++ commands line application** enabling users to review a curated list of books and receive personalized recommendations.
- Utilize modern software development practices to design and implement **user authentication** and **recommendation algorithm**.
- Ensured optimal performance and accuracy in user input management through **applied data structures and algorithms**.

LEADERSHIP

Association for Computing Machinery Club: Women in Technology Chair 2023-2024

Women Who Code Seattle: Promoted online presence and resulted with **110% increase** in online following after 6 months

SKILLS

Languages: JavaScript, TypeScript, Java, C++, C#, Python, SQL, HTML, CSS, PHP

Libraries & Frameworks: React.js, Redux, Next.js, NodeJS, MongoDB, MySQL, Socket, Express, Jest, Cypress, Spring Boot

Tools: Heroku, AWS (S3, DynamoDB, Lambda, API Gateway, RDS), Git, Bitbucket, Jira, Trello, Jenkins, Docker