Amos Ko

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Skills

Languages: Java, C++, JavaScript, Python
Tools/Frameworks: Git, Node.js, React JS, Spring Boot, HTML, REST APIs, SQL, JUnit

Work Experience

SOFTWARE DEVELOPER INTERN   Jan 2021 – Aug 2021
Traction On Demand – Burnaby, BC

- Leveraged my ability to understand a large codebase and modify existing code in a non-disruptive way by resolving over 25 bugs and implementing over 10 new features
- Designed and developed web components with **HTML** and **JavaScript** such as an appointment creator, resulting in a greatly improved user experience and flow
- Demonstrated new features and recent development efforts by giving technical demos to the client, improving stakeholder engagement
- Increased total code coverage by 15% by writing unit and functional tests to ensure features were working as intended

Projects

KoJobs - [Website](#)   June 2021 – Aug 2021

- Architected and developed a web application using **Node.js** and **React JS** that caters to both job seekers and employers
- Integrated the Salesforce **REST API** to provide user management capabilities and easy storage and retrieval of data
- Provides users with the ability to post, search for and apply to hundreds of jobs though the website interface

Hot Bot - [GitHub](#)   Aug 2020 - Sept 2020

- Developed an application using **Java** and **Selenium** to automate the checkout process for items on supported sites, increasing checkout speeds by up to 75%
- Designed a GUI that allows users to create and edit billing profiles and save their data locally to their machine
- Performed extensive user input validation and regression testing to maximize checkout success

Extracurriculars

Church Website Developer   January 2022 - Present

- Assist in the development of the church's website by implementing new features and participating in code reviews
- Automate the weekly process of updating the website with the Sunday YouTube livestreams using **HTML** and **JavaScript**

Software Systems Student Society, Director of Services   Oct 2019 – April 2020

- Developed and maintained the society website to create a sense of community within our program and provide online resources and information to students
- Attended executive meetings and engaged in event planning for our yearly hackathon that attracts over a hundred participants

Education

SIMON FRASER UNIVERSITY   Expected: May 2023
Bachelor of Science – Computing Science, Software Systems