

Amos Ko

✉ amosisok@gmail.com | 📞 778-512-4840 | Vancouver, BC
🌐 github.com/amosisok | [in https://www.linkedin.com/in/amos-ko/](https://www.linkedin.com/in/amos-ko/) | 🌐 amosko.me

Technical Skills

Languages: Java, JavaScript, C++, Python, SQL, HTML, CSS

Libraries/Tools/Frameworks: Node.js, React, Vue.js, Junit, Git, Docker, Salesforce

Work Experience

BC Cancer Research Centre

Full Stack Developer Co-op

May 2022 – Present

Vancouver, BC

- Developing a framework for the creation and execution of automated pipelines that process medical images and patient data using Vue.js and Python.
- Collaborating with researchers and scientists to build a clinical data analytics platform that applies machine learning algorithms to create personalized cancer treatment plans for each individual patient

Traction on Demand

Software Developer Intern

Jan 2021 – Aug 2021

Burnaby, BC

- Designed and implemented an appointment booking and management system for a large-scale patient health portal using HTML and JavaScript, resulting in a greatly improved user experience and flow
- Developed an intelligent and dynamic resource recommendation library that suggests various helpful resources to users based on their health profile
- Demonstrated new features and recent development efforts of our team by giving technical demos to the client, boosting stakeholder relationship and engagement
- Wrote extensive unit and integration tests to increase total code coverage from 70% to over 90%

Projects

KoJobs - Website

June 2021 – Aug 2021

- Architected and developed an online job board using Node.js and React that caters to both job seekers and employers, allowing users to both apply to and post jobs
- Integrated the Salesforce REST API and utilized SOQL database queries to provide user management capabilities and storage/retrieval of data
- Provides users with the ability to create accounts and search for and apply to hundreds of jobs through the website

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 user input validation and regression testing to maximize checkout success

Extracurriculars

Surrey Chinese Baptist Church

Website Developer

January 2022 – Present

- Automate the weekly process of updating the website with the Sunday YouTube livestreams by making calls to the YouTube API
- Assist in the development of the church's website by implementing new features and participating in code reviews

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 meetings and engaged in event planning for our yearly hackathon that attracts over 100 participants

Education

Simon Fraser University

Bachelor of Science – Computing Science, Software Systems

Sept 2018 – May 2023 (Expected)

Burnaby, BC