

Jay Ho

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EDUCATION

University of British Columbia

Bachelor of Science in Computer Science

Vancouver, BC

Sep 2018 – May 2023

GPA: 3.9/4.0

Related Coursework: Basic Algorithms and Data Structures, Intermediate Algorithms and Data Structures, Software Construction, Introduction to Computer Systems, Computer Hardware and Operating Systems

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, HTML/CSS, PowerShell, PHP

Frameworks: React, Node.js, JUnit, Express.js

Developer Tools: Git, Maven, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Gerrit, Jenkins, Datadog

Libraries: Prisma, Tailwind CSS

EXPERIENCE

Software Developer Intern - (Backend)

Bit Quill Technologies

May 2021 – Dec 2021

Vancouver, BC

- Implemented an automated test harness that reduced Tableau connector testing time by 75% using Jenkins pipelines and PowerShell scripts
- Championed 3 customer-critical ODBC driver and 2 major BI Tool connector releases through conducting end-to-end testing and coordinating with related stakeholders
- Debugged and fixed several bugs related to essential JDBC driver logic in preparation for general availability

Computer Science Teaching Assistant

University of British Columbia

Sep 2020 – May 2021

Vancouver, BC

- Assisted 250+ students in lecture to reach OOP learning objectives
- Organized lab sessions for 30+ students and coordinated with other TAs during office hours to help clarify key concepts for students
- Provided mentorship to 3 cohorts of 8 students throughout the term by giving guidance on software development best practices and provided remedial sessions tailored for each student to further cement learning objectives

Software Developer Intern - (Full-Stack)

Altus Assessments

Jan 2020 – Sep 2020

Vancouver, BC

- Implemented a residency assessment system that facilitates the adoption of an assessment-based education system for top Canadian medical schools using Symfony and MySQL
- Improved UI responsiveness in 10+ product features to be optimized for mobile devices and redesigned the UI to be coherent with new company branding

PROJECTS

Collab. | *React, Node.js, Express.js, PostgreSQL, Heroku*

Aug 2021 – Present

- Developed a social platform hosted on Heroku aiming to provide more visibility for projects or initiatives looking for additional collaborators and volunteers
- Handled user authentication with Auth0
- Implemented a REST API using Express to handle CRUD operations for user projects and collaborators

Shopper | *React, Node.js, Express.js, MongoDB, Heroku*

May 2020 – Aug 2020

- Co-developed a full-stack application hosted on Heroku used to keep an updated repository of on-going sales for major fashion brands
- Implemented a cron job using Javascript that scrapes email promotions for on-going sales and sends requests to the Express REST API to update the MongoDB database
- Iteratively improved the UI/UX of the React frontend through user feedback and Figma mockups