

Jay Ho

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Computer Science Major 3rd Year | Portfolio Website: <https://jayhonn.github.io/pages/code.html>
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EDUCATION

University of British Columbia, Vancouver

BS., Computer Science | Dean's List | Sep 2018 - May 2023

International Student Scholarship: 2019

Science Trek Scholarship (Top 5% GPA in Faculty): 2019

Charles and Jane Banks Scholarship (Faculty Recommendation): 2019

Related Courses: Data Structures and Algorithms, Software Construction, Computer Hardware and Operating Systems

Expected Graduation: May 2023

cGPA: 4.30/4.33

TECHNICAL SKILLS

Languages: Java, Javascript, PHP, Python, SQL, HTML, CSS, PowerShell

Frameworks/Environments: Symfony, React.js, Express.js, Node.js, mongoose

Technologies: Git, Mercurial, JUnit 5, MongoDB, MySQL

Software: IntelliJ, PHPStorm, Visual Studio Code/ Visual Studio, PyCharm, Unity, Jenkins, Gerrit

WORK EXPERIENCE

Bitquill Technologies | Vancouver BC | Software Engineer (Backend) - Intern (Co-op)

May 2021 - Present

Technologies Used: Java, Powershell, Jenkins, Javascript

- Prototyped and implemented a testing harness used to automate manual testing for new ODBC/JDBC Driver releases using Jenkins and Powershell scripts. It is currently used as part of a crucial process in releasing new Tableau connectors
 - Reduced the testing turnaround time from 1 day to 3 hours
- Facilitated the release of new ODBC drivers, which includes end-to-end testing and communication with the client's release team

One45 Software | Vancouver BC | Software Engineer (Full-Stack) - Intern (Co-op)

Jan 2020 - Sep 2020

Technologies Used: Symfony, PHP, HTML, CSS, Javascript

- Implemented the core functionality of a new product feature that was crucial to client retention in a team with 2 other senior developers.
 - Took part in database schema planning and implemented the schema using the Doctrine ORM
 - Implemented essential business logic and UI functionality using the PHP Symfony Framework
 - Overall feedback from clients were very positive and impressed with the functionality of the feature
- Redesigned over 10+ web-app pages to be more responsive and in line with new company branding
- Utilized Datadog to monitor errors and successfully debugged and fixed 30+ recurring runtime errors

University of British Columbia Computer Science | Vancouver BC | Teaching Assistant

Sep 2019 - May 2021

Technologies Used: Java

- Assisted 250+ students in lecture to reach OOP learning objectives
- Held office hours independently to help mentor students on their course project and implement OOP best practices and design principles
- (In-Person) Organized lab sessions for 30+ students and helped administer quizzes and mentorship
- (Online) Provided mentorship to a cohort of 8 students throughout the term, helping them with course material, labs, and development as future software engineers

PROJECTS

Shoppie | REACT NODE EXPRESS MONGODB HTML CSS JS | <https://shoppie.herokuapp.com/>

- Developed in collaboration with a partner a web app that parses email data from retail promotional emails and displays them in an automatically updated list using the MERN stack
- Created the email parsing cron job using Nodejs and the Gmail API
- Designed and used REST API to serve MongoDB documents to display in React.js front-end