Jay Ho

Computer Science Major 3rd Year | Portfolio Website: jayhomn.github.io
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EDUCATION

University of British Columbia, Vancouver	**Expected Graduation:** May 2023
BS., Computer Science | Dean's List	**cGPA:** 4.30/4.33

International Student Scholarship: 2019
Science Trek Scholarship (Top 5%) : 2019
Charles and Jane Banks Scholarship (Faculty Recommendation): 2019

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

EXPERIENCE

Bitquill Technologies | Vancouver BC | JAVA POWERSHELL JENKINS   **May 2021 - Present**
Software Engineer (Backend) - Intern (Co-op)
- Championed the creation of a testing harness that is used to automate a pivotal part of the ODBC/JDBC Driver release process along with testing the connectors for a major business intelligence tool
  - Reduced the testing turnaround time from 1 day of manual work to 30 minutes of hands off unsupervised work

One45 Software | Vancouver BC | SYMFONY PHP HTML CSS JS   **Jan - Sep 2020**
Software Engineer (Full Stack) - Intern (Co-op)
- Worked in a project team with 2 other senior developers and product managers using agile development on a new product feature that is essential to company goals and is used by 100% of their key clients
  - Took part in database schema planning and implemented the schema with the Doctrine ORM
  - Created the MVC structure for the feature using the PHP Symfony Framework
  - Demonstrated ability to work within deadlines whilst simultaneously learning a new framework
- Redesigned web app pages to be more responsive and in line with new company branding
- Utilized Datadog to monitor for errors and successful debugged and fixed 30+ recurring runtime errors

University of British Columbia Computer Science | Vancouver BC | JAVA   **Sep - Dec 2019, Sep 2020 - May 2021**
Computer Science 210: Software Construction Teaching Assistant
- 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 their personal projects

PROJECTS

Dressi | REACT NODE HTML CSS JS | https://weather-fashion.herokuapp.com/
- Utilized React to make a web app that uses two simple APIs to generate a google image search query and display it within an infinite scrolling container
- First experience with UI/UX design and came up with the modern design after an iterative prototyping process

Shopple | REACT NODE EXPRESS MONGODB HTML CSS JS | https://shopple.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