Jay Ho

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

University of British Columbia, Vancouver   **Expected Graduation:** May 2023
BS., Computer Science | Dean's List | Sep 2018 - May 2023   **cGPA:** 4.30/4.33
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

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, Datadog

WORK EXPERIENCE

Bitquill Technologies | Vancouver BC | Software Engineer (Backend) - Intern (Co-op)   **May 2021 - Present**
Technologies Used: Java, Powershell, Jenkins , Javascript
- Reduced testing turnaround time from 1 day to 3 hours by implementing a test harness using Jenkins and GCP VMs to automate regression testing for new ODBC/JDBC Drivers and Tableau Connectors
- Lead the release of 3+ ODBC Drivers with urgency in order to fulfill customer requests whilst maintaining quality
- Saved time and improved workflow for future team members by revamping existing testing documentation with more clarity and providing more specific testing instructions

One45 Software | Vancouver BC | Software Engineer (Full-Stack) - Intern (Co-op)   **Jan 2020 - Sep 2020**
Technologies Used: Symfony, PHP, HTML, CSS, Javascript
- Implemented a new product feature used by 60% of the clients in a team with 2 other senior developers using the PHP Symfony Framework, Javascript, and MySQL
- Addressed and debugged over 150 story points worth of business logic problems and customer service requests essential to customer retention in addition to enhancing the JUnit tests regarding the same areas
- Redesigned the UI/UX of over 10+ web-app pages to be more responsive and in line with new company branding
- Utilized Datadog to identify and fix 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
- Organized lab sessions for 30+ students and helped administer quizzes in addition to providing mentorship
- Provided mentorship to 3 cohort of 8 students throughout the term, helping them with course material, labs, and development as future software engineers

PROJECTS

Shopple | REACT NODE EXPRESS MONGODB HTML CSS JS | https://shopple.herokuapp.com/
- A constantly updating repository of on-going sales that is currently happening with major retail stores like H&M and Hudson's Bay
- Designed and realized the UI/UX of the webapp using the React framework
- Implemented a REST API utilizing Node.js to communicate with MongoDB via mongoose
- Created and maintained a daily CRON job that parses email data for new sales and updates the database accordingly