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, C#, Python, C/C++, SQL, HTML, CSS
Frameworks/Environments: Symfony, React, Express, Node, mongoose, Django, Flask
Technologies: Git, Mercurial, JUnit 5, MongoDB, MySQL
Software: IntelliJ, PHPStorm, Visual Studio Code/ Visual Studio, PyCharm, Unity

EXPERIENCE

One45 Software | Vancouver BC | SYMFONY PHP HTML CSS JS   **Jan - Sept 2020**
Software Engineering 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 webapp pages to be more responsive and inline 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   **Sept - Dec 2019, 2020**
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 webapp 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
- Developed in collaboration with a partner a wep-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 realized the user interface with InVision Studio and React

PhysInterac | UNITY C# | PhysInterac - Free Interactive Physics Calculator – Apps on Google Play
- Developed using the Unity game engine an interactive physics calculator for calculating reaction forces on a free body diagram
- Implemented a recursive algorithm that handles a chain of calculations when multiple objects are in the diagram