

# Connie Ho

📖 3<sup>rd</sup> Year UBC Computer Science and Microbiology & Immunology Student  
🌐 [connieho.org](http://connieho.org) | ✂ [github.com/connieho15/Personal-Projects](https://github.com/connieho15/Personal-Projects) | ✉ [Ho.Connie10@gmail.com](mailto:Ho.Connie10@gmail.com)

## TECHNICAL SKILLS

- Languages: Racket, Java, C, C++, C#, Javascript, HTML, CSS, Haskell, Prolog
- Web Frameworks: Node.JS, Angular.JS, Apache Cordova, Ionic, Google Web Toolkit
- Databases: MySQL, Oracle, JDBC, MS SQL Server, SQLite
- Software: Eclipse, Android Studio, Dr. Racket, Visual Studio, Git, Photoshop, Illustrator

## PROFESSIONAL PROJECTS

### Datrend vPad Integrated Development Environment

- Developed IDE written in C# to be used with custom languages used on Android Applications designed for use in biomedical preventative maintenance
- Implemented features such as Android Emulator support, Tree-style File Browser, Electrical Safety Simulation and PDF/Word Export
- Skills: C#, XML, Visual Studio

### Deloitte China Expense and Travel Management Mobile Application

- Developed a Multi-Platform Mobile Application with Apache Cordova on Visual Studio 2015
- Used Angular.JS in combination with Ionic to build front end to replicate Native Platform UI
- Used Web Services to call Enterprise SQL Server and developed Token Authentication System on Local Browser Storage with SQLite
- Skills: Visual Studio, Cordova, Ionic, MS SQL Server 2014, SQLite, HTML, CSS, Javascript

## ACADEMIC PROJECTS

### CPSC 310: Cultural Compass

- Designed a fully functional website on Google Web Toolkit framework to allow users to search for cultural spaces in Vancouver and save them to their accounts
- Integrated Facebook and Google Maps API for Login and Search functionalities
- Worked in a group of 4 using Scrum/Agile Workflow and Github for source control
- Skills: Java, Google Web Toolkit, Social Network & API Integration, Data Display and Processing

### CPSC 304: Bookstore System

- Wrote a Java Console Application for the maintenance of a Bookstore Database based on SQL
- Implemented retail features such as searching for items, adding/deleting items and tracking sales
- Skills: Java, JDBC, SQL

### CPSC 210: Meet-up Android App

- Developed Android application to help students connect meet with each other in places around UBC according to their schedules and availability
- Wrote JSON and XML parsers to retrieve location information from the Foursquare API, Mapquest API and mock UBC student database
- Went beyond specifications to add cuisine choice and ratings/reviews information on interactive map
- Skills: Java, Android Studio, Eclipse, JUnit Tests, API Integration

## PERSONAL PROJECTS

### Split My Trip (UBC Local Hack Day Hackathon)

- Created website that allows input of travel expenses and algorithmically calculates how much each person owes the other parties, minimizing the number of transactions and maintaining accurate financial records
- During Q&A Session and Presentation, was commended by Microsoft representatives and chosen as one of the Judges' Choice winners
- Skills: Git, HTML, CSS, Javascript

### E-Portfolio - connieho.org

- Built personal website using HTML, CSS and Javascript
- Showcased personal projects and biography arranged in an aesthetically pleasing manner
- Skills: Git, HTML, CSS, Javascripts, Photoshop, Illustrator

### iOS Music Player Mobile Application

- Attended iOS Development Workshop presented by Lighthouse Labs
- Storyboarded and built Music Player Application to be used with iOS mobile devices
- Skills: Swift, XCode

## WORK EXPERIENCE

### Software Developer (Co-Op)

May/16 - Sep./16

Datrend Systems Inc., Vancouver

- Worked on vPad-IDE, an integrated development environment written in Visual C# targeted to clients in Biomedical Maintenance Administrative roles to write scripts for preventative maintenance
- Upgraded vPad Safety Analyzer Android Application to align with new electrical safety calibration standards
- Updated internal Key Generator application to improve flow of new product additions, key tracking and Dropbox and Email integration
- Developed verification test plans and specification documents in accordance to Quality Control System

### Intern – IT Services National (Co-Op)

Jan./16 - Apr./16

Deloitte Touche Tohmatsu, Hong Kong

- Responsible for developing software solutions for External Client Services such as Audit and Consulting
- Did feasibility testing and research for migration of native Android and iOS applications to hybrid HTML/CSS based hybrid frameworks
- Worked on Cross-Platform Mobile Application to handle travel management information using the Apache Cordova platform, programming in HTML, CSS and Javascript

### Circulation Assistant

Sep./14 - Dec./15

University of British Columbia Education Library, Vancouver

- Collected, shelved and sorted all incoming and outgoing library materials
- Worked at circulation desk to assist students and handling phone calls, acting as the first point of contact for community patrons, students and faculty
- Familiarized with Library of Congress shelving system and working with high level of detail

## COMMUNITY CONTRIBUTIONS

### Divisional Administrative Officer

Dec./15 - Present

St. John Ambulance Brigade Division 1294c, Richmond

- Instructed for 3 years in the Non-Commissioned Officer Leadership Development Program
- Organized training schedules and taught first aid lessons to 60+ cadet members aged 11-18
- Facilitating the growth of a new youth division in the East Richmond area, primarily in charge of recruitment and administrative systems