UBC a place of mind
THE UNIVERSITY OF BRITISH COLUMBIA

Engineering Co-op Program
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Renée Slamka
Computer Engineering

TECHNICAL SKILLS

Languages	Development Tools	Frameworks/Libraries
• Java	• Git	• Spring
• JavaScript	• IntelliJ/Eclipse/Android Studio	• JQuery
• C++	• Maven/Gradle	• ReactJS
• C	• Composer/Bower/NPM	• D3
• PHP	• Heroku	• Twig
• SQL	• GNU Debugger	• Slim
• Python	• Windows/OS X/Linux	• Bootstrap

ACADEMIC & CO-OP STATUS

Academic Program
- 5 of 8 academic terms completed
- Anticipated date of graduation: May, 2017

Co-op Status
- Completed 3/4 work terms; available for 4 months beginning May, 2016

TECHNICAL WORK EXPERIENCE

Dynamic Leap Technology   September, 2015 – December, 2015
Junior Software Developer (Intern)
- Constructed the company's website with PHP, Bootstrap, JavaScript, JQuery and the Twig template engine using the UX lead's mockups as a design guide (test deployment can be found at http://dynamic-leap.herokuapp.com)
- Studied and completed a practice project using the Spring Framework so as to prepare for development on the server side component the of company's upcoming app (see "Blog Board" project below)

D&B Cloud Innovation Center   May, 2015 – August, 2015
Front End Developer (Intern)
- Created reusable data visualization components with Less and the React and D3 libraries for the company's cloud-based credit risk management application
- Discussed design strategies with other developers working on related tasks to ensure ease of code integration
- Studied the front end team's collection of learning material on relevant technologies in order to become more comfortable with the various JavaScript libraries and development tools being employed

D&B Cloud Innovation Center   January, 2015 – April, 2015
QA Software Tester (Intern)
- Wrote JUnit tests for the REST APIs of the company's cloud-based credit risk management application
- Designed and executed manual acceptance tests based on user stories' business requirements outlined in JIRA
- Attended other teams' scrum meetings in order to keep the QA division well informed on the status of all areas of development

Questek Research & Development Corporation   May, 2014 – June, 2014
Firmware Tester
- Completed outlined firmware tests for Zenovia Electronics' audio system using Wire Shark and jPerf
- Communicated any errors or anomalies to developers with detailed steps on how to reproduce them
- Wrote new test cases to investigate the functionality of extra features being implemented in the later stages of the development process
- Probed units with scope and spectrum analyzer to identify areas emanating high levels of noise

TECHNICAL PROJECTS

Brewmeister (Term Project for Databases Course)   **February, 2016 – April, 2016**
- Worked with three classmates to design a web app that allows users to search for different types of beer, see where they are sold, and provide ratings for other users to view
- App included a separate interface for liquor vendors to register and update their online stock of products
- Back end consists of Java with the Spring framework, JDBC and an Oracle database, while the front end uses AngularJS and Bootstrap

Blog Board Web App   **October, 2015 – December, 2015**
- Designed a blogging app using the Spring framework that allows users to post to a communal board they share with their friends and family (please see https://github.com/ReneeSlamka/BlogBoardServer for source code)
- App allows user to create an account, login, create boards, add existing users to boards, and post text content to boards they are members of

Northwest Hacks - The Falling Myo   **March 14th, 2015**
- Collaborated on an entry for the Northwest Hacks competition that consisted of an emergency alert system meant to notify hospital staff in the event that a patient had fallen and lost consciousness
- Designed the front end of the system's web application and assisted with the construction of an android app that received accelerometer data from a Myo bracelet and updated the patient's database entry with his/her status accordingly

Personal Website (www.reneeslamka.com)   **February, 2016 - Present**
- Currently working on a personal website with the goal of eventually showcasing past and current projects
- Constructing site using PHP, Slim, Bootstrap and the Twig template engine
- Creating various custom graphics using Adobe Photoshop CS6

OTHER WORK EXPERIENCE

Kathy Findlay   **May, 2013 – August, 2013**
Nanny
- Recorded blood glucose levels and carbohydrate intake of child with type one diabetes in order to relay his state to his parents, as well as determine the appropriate course of action in the event of unsafe conditions
- Tutored children during completion of supplementary learning material and successfully taught older child how to round numbers in preparation for grade four math
- Coordinated travel to and from daily activities while maintaining a strict schedule regarding meal times and monitoring of younger child's diabetic condition

EDUCATION

University of British Columbia   **September, 2012 – Present**
Bachelor of Applied Science in Computer Engineering (Software Option) with a minor in French

University of British Columbia   **September, 2009 – April, 2012**
Completed three years in Bachelor of Arts Program (French Major)

PROFESSIONAL AFFILIATIONS

APEGBC Member Advantage Program for Students (MAPS)

ACTIVITIES AND INTERESTS

- Working on my personal software projects
- Studying French and Italian
- Hiking local mountain trails and parks