Renée Slamka

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http://reneeslamka.com | http://github.com/reneeslamka

Education

University of British Columbia

B.A.Sc. - Computer Engineering, Software Option

September, 2012 - Present

• *Expected: May, 2017*

Skills

Languages

Proficient:
• *Java • JavaScript • HTML • CSS*

Experienced:
• *Sass • Python • C*

Familiar:
• *SQL • PHP • C++ • VHDL*

Software Tools

Frameworks:
• *Spring • Express • Flask • Bootstrap*

Libraries:
• *jQuery • ReactJS • D3*

Databases:
• *MongoDB • Oracle*

Development Tools

Editors:
• *JetBrains IDEs (IntelliJ, WebStorm)*
• *Eclipse • Android Studio*

Project Management:
• *Git • Jira • Maven • NPM • Composer*

Operating Systems
• *OSX • Windows • Linux (Ubuntu)*

Hobbies

• *Coding • Drawing*
• *Learning Languages • Hiking*
• *Drones • Travelling*
• *Automotives*

Technical Experience

Dynamic Leap Technology | Junior Software Development (Co-op)

September – December, 2015 | Vancouver, BC
- Constructed the company's website using PHP, Twig, Bootstrap and jQuery
- Developed a communal blogging web app using Spring for a work learning project

Dun and Bradstreet Cloud Innovation Center | Front End Developer (Co-op)

May – August, 2015 | Vancouver, BC
- Created reusable data visualization components using the React and D3 JavaScript libraries
- Wrote unit tests and participated in code reviews
- Attended daily scrum meetings and bi-weekly sprint planning sessions
- Represented the company as a volunteer instructor for a Girls Learning Code workshop

Technical Projects

Distributed Key-Value Storage System (March, 2017) | Course Group Project
- Created a consistent hashing key-value storage system using Java, Google's Protocol Buffers and Guava library
- System operated on twenty Planet Lab nodes and used an epidemic protocol to distribute individual nodes' status updates
- Achieved top class ranking in eight of twelve performance metric categories

Space Invaders (December, 2016 - Present) | Personal Project
- Developed a version of the popular arcade game using vanilla JavaScript
- Extending system to include a Mongo database for recording high scores

Brewmeister (February - April, 2016) | Course Group Project
- Developed a web app using Spring and Angular that allowed users to search for different types of beer, find locations that stocked an item, and provide ratings for other users to view
- Included a separate interface for vendors to register and update their product stock, which were stored in an Oracle database

Smart Fall Detector (March, 2015) | nwHacks Hackathon
- Prototyped a fall detection application to notify medical staff in the event a patient had an accident
- System consisted of an Android app that received accelerometer data from a Myo bracelet and updated the patient's entry in a web app if it detected severe downward movement