

**TECHNICAL SUMMARY**

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- Proficient in J2EE development using Spring, Hibernate, AWS, IBM Websphere, Oracle DB/MySQL
- Web development experience with PHP, Javascript (jQuery, React), HTML, CSS, MySQL
- Mobile development experience with Swift (iOS) and Java (Android)
- Strong programming experience with C, C++, Scheme, VBA, Python
- Strong knowledge in object-oriented programming design and methodologies
- Tools used: Git, SVN, Sublime, Eclipse, xCode, Android Studio, Bash

**WORK EXPERIENCE**

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**Application Developer** **XE.com Inc** **Jan-Apr 2016**

- Developed features and fixed many bugs for the XE.com website, used by millions of users worldwide
- Redesigned and implemented XE's newsletter email service application to integrate with Mailchimp
- Implemented new features for XE's RESTful currency API and currency rates application
- Created an API client using Java to access XE's currency API, to be put on github as a public sample
- Developed test automation framework for XE.com using Java and Selenium
  - Automation tests fully covers XE's currency converter and other calculator pages
- Created proof of concept currency maps demo for XE's Project Awesome event
- Technology used: LAMP stack, ReactJS, jQuery, J2EE, Spring, Redis, MySQL, AWS, Python, Tomcat

**Software Development Intern** **NCR Canada Ltd** **Jan-Apr 2015**

- Developed features for two factor SSO user authentication system for NCR's remote capture software
- Identified and fixed performance bottlenecks by analyzing database queries and improving code base
- Developed and maintained performance testing scripts using jMeter
- Provided performance analysis and troubleshooting consultation to bank clients (RBC, Fidelity)
- Technology used: J2EE, Spring, IBM Websphere, Oracle DB, MSSQL, Tomcat, Jetty, jMeter, SOAP

**Technical Student** **Toronto Hydro** **May-Aug 2014**

- Created and maintained Excel macros using VBA to automate daily metering data analysis
- Significantly reduced time required to analyze metering data
- Generated daily and monthly hydro data analysis reports

**PROJECTS**

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**Java/J2EE**

- **J2EE**: Created an account management system using Spring to learn J2EE development
- **FunTimes**: Text-based fighting game created with Swing GUI using OOP methodologies
- **TicTacToe**: Tic Tac Toe client and server that allows multiplayer over LAN network

**Web Development**

- **Personal Website**: Created with Twitter Bootstrap to document technical experiences

**Mobile**

- **Sunshine**: Android weather app created for Udacity's Android Development course
- **Calculator**: iOS calculator created using Swift as part of Stanford CS193P course

**C++**

- **CC3K**: Dungeon Crawler (rogue-like) game implemented in C++ in Linux environment
- Completed various coding challenges using C++ on Hackerrank, Leetcode, and Bloomberg CodeCon

**EDUCATION**

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**Waterloo, ON** **University of Waterloo/Wilfrid Laurier** **Sept 2013 - Present**

- Candidate for Bachelor of Computer Science
- Candidate for Bachelor of Business Administration