Felix (Jin Rui) Sun

2nd Year Computer Engineering Student
University of Waterloo

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Summary of Qualifications

- Experience designing and implementing websites using: Ruby on Rails, AngularJS, jQuery, JavaScript, HTML5, CSS3, Sass, JSON, Ajax, Bootstrap, PostgreSQL, SQLite, MySQL, and Heroku
- Developed excellent problem solving and critical thinking skills by implementing various applications using Java, C#, C++, and Python
- Working knowledge of Android development
- Developed firm understanding of QA methodologies and software development processes while working in agile development environments
- Experience working with and testing different mobile platforms (Android, iOS, BlackBerry and Windows), websites and databases (SQL)
- Experience using: Oracle SQL Developer, MySQL Workbench, GIT, SVN, Android Studio, Eclipse, Adobe Creative Suite, JIRA, Pivotal Tracker, Mac/Unix terminal, MATLAB, and Microsoft Office

Personal Projects

My Portfolio – felixsun.me

- Currently designing, developing and maintaining front-end and back-end functionalities of multiple websites
- Used Ruby on Rails to create RESTful APIs with front-end integration via AngularJS
- Developed a firm understanding of MVC/MV* methodology
- Created websites with social integration such as users and likes
- Designed and constructed fluid front-end experiences that employs modern design practices with: responsive web design, single page applications, Ajax, interactivity, animations, and appropriate palettes
- Used Git for version control

Work Experience

Quality Assurance Analyst, TD Securities, Toronto, September – December 2014 (4 months)

- Performed system testing for market risk applications and databases
- Created efficient SQL queries used for project demos and for verifying database implementation according to data models and business requirements
- Worked with developers and business analysts to create comprehensive test plans along with business compliant mock data that mimics actual source system outputs
- Created and presented informative documentations and PowerPoints

Agile Test Engineering, Pivotal Labs, Toronto, January- May 2014 (4 months)

- Implemented test cases for mobile applications and websites running on Android, iOS, BlackBerry, Windows phone/surface and web browsers
- Performed regression and exploratory/sanity testing. Thought outside the box to break apps and find bugs
- Submitted clear and detailed bug reports using Pivotal Tracker and Google Docs
- Discussed app behaviours, suggested user experience/interface improvements to developers and participated in daily and team stand-ups
- Device manager – signed in/out requested devices. Became extremely familiar with most devices and their OS versions in order to spot them quickly when requested

Education, University of Waterloo

Candidate for Bachelor of Applied Science, Honours, Computer Engineering, September 2013 – Present