

## Summary of Qualifications

- Experience designing and implementing websites using: Ruby on Rails, AngularJS, jQuery, JavaScript, HTML5, CSS3, Sass, JSON, Ajax, Bootstrap, Heroku, PostgreSQL, SQLite, and MySQL.
- Developed excellent problem solving and critical thinking skills by implementing various applications using Java, C#, C++, Python, and Ruby.
- Working knowledge of Android Development and embedded systems design.
- 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.
- Quick and enthusiastic learner.

## Personal Projects

### My Portfolio – [felixsun.me](http://felixsun.me)

- Currently designing, developing and maintaining front-end and back-end functionalities of multiple websites.
- Created and implemented RESTful APIs using Ruby on Rails and AngularJS respectively.
- Developed a firm understanding of MVC methodology.
- Created websites with social integration, including, but not limited to: users, comments, user submissions, 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