### **Hazel Shi**

### **OBJECTIVE**

Developer or Software Tester

## **SUMMARY OF SKILLS**

- Front-end: efficient in HTML, CSS and JavaScript, knowledge in Bootstrap, AngularJS, React. Experience developing and testing mobile Apps in various frameworks: Ionic, miniProgram (similar to Vue.js).
- Back-end: python
- Database knowledge in SQLsever, mySQL and Oracle. NoSQL Database MongoDB.
- Experience working in Agile groups. Knowledge of software development life cycle such as waterfall model, iterative model, agile model. Familiar with **Jira, VersionOne**.
- Experience working with SVN, GIT, Jenkins, Docker, Postman.
- Experience working with: Windows, linux Ubuntu, MacOS, virtual environment Vmware, virtual box. Knowledge of AWS, Google Cloud, pythonanywhere.

#### PROFESSIONAL EXPERIENCE

**Startup Company**, Waterloo, ON **Front-end Developer** 

Dec 2018 to Dec 2019

- Developed a mobile App for palm image recognition and health management.
- Worked with the client to analysis their requirements and refine the requirement documentation.
- Worked closely with the design team to implement UI/UX. Provided suggestions and solutions to improve user's experience.
- Integrated functionalities provided by three groups: image recognition, content management, and user login system.
- Optimized image recognition workflow in front-end, avoided long waiting time in the process, reduced the risk of errors in operation.
- Collaborated with content management group in data validation and trouble-shooting. Optimized the loading process of long json content.
- Wrote user's guide and presented demo app.
- Release weekly or daily to the test team and responded their feedback.
- Targeted and fixed bugs, and tracked back-end defects.
- Carried on iterative development according to requirement change.
- Executed the release process.
- Provided remote technical support in product show.

**Use of Time**: 50% Development, 30% Requirement analysis, 20% Test and Bugs fix. **Technical Environment**: Windows 10, Wechat develop tool, Visual Studio Code, Docker for backend, Postman, Sketch and Photoshop for design, GIT, Jira, MySQL, AngularJS, React Native.

# **Printer Software Company**, Waterloo, ON **QA Tester**

Feb 2018 to Nov 2015

- Integration test of printer management software.
- Created test cases on Testrail according to user stories in various scenarios.
- Installation tests on both server side and device side. Deploy virtual environment for serverside test. Worked on printers of Ricoh, Xerox, HP, Canon, Lexmark, Toshiba, Konica Minolta, etc.
- Implement end-to-end tests of different workflows, functional tests and Compatibility tests.
- Logged defects and tracked them. Worked with developers in trouble-shooting.
- Ran regression tests and verified bug fix.
- Worked in a scrum team, tested new features in unit test.
- Worked closely with the sales team, set up environment, wrote installation and functionality guide, provided training and technical support for sales activities.

**Use of Time:** 20% Create test plans and test cases, 10% Set up environment, 10% run installation tests, 10% run functional tests, 20% log and track defects, 10% run regression tests, 20% support developers and sales people.

**Technical Environment**: VMWare, Windows 10, Microsoft Office, SQL server, Testrail, VersionOne, Jenkins, device operating system.

# **Software Company**, Beijing, China **Front-end Developer**

Feb 2015 to Dec 2016

- Developed a mobile app to control an electric scooter.
- Executed the release process on Apple App Store and Google Play.
- Built a content management website and its console.
- Maintained the website.

**Use of Time**: 50% Development and maintenance, 20% Requirement analysis, 30% test and bugs fix.

Technical Environment: Linux Ubuntu, AngularJS, Ionic Framework, GIT.

## **ROLES PRIOR to 2018- Full Details Available Upon Request**

**Software Company,** Kunming, China Engineer in water treatment

Jun 2012 to Oct 2013

**University lab,** Beijing, China Technician

Aug 2006 to Dec 2011

### **EDUCATION**

- M.Eng. in Systems Design Engineering, University of Waterloo 2018
- M.Sc in Fluid Mechanics, Peking University (China) 2006
- B.Sc in Mechanical Engineering, Peking University (China) 2003