

Hazel Shi

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

Zerone Lab, 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.

Nuance Communications, Waterloo, ON
Software 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 server-side 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.

KHX Technologies, 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 2014- Full Details Available Upon Request

Beijing Nasoft, Kunming, China
Engineer in water treatment

Jun 2012 to Oct 2013

School of Environment, Tsinghua University, Beijing, China
Research assistant

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