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Tianheng Zhou

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LinkedIn Profile

Summary:

Full stack development specialist with experience in both front end, back end and web automation design to reach exceptional user support and user experience. Experience includes designing, testing high profile websites.

Technical Skills

Languages: JavaScript, Python, HTML5, CSS3.
Frameworks/Libraries: jQuery, Less Css, Bootstrap, AngularJs, KnockoutJs, ExpressJs, NodeJs, Jasmine, Selenium Web-driver.
Other: Git/GitHub, MongoDB, Dustjs/EJS Template, RESTFUL/Responsive Design, Test Driven Design.

Project Experience

Yelp Sheet - *Code* | *https://yelpsheet.herokuapp.com*   *October 2015*

- Designed a Single-page, responsive application built with KnockoutJS framework and hosted on Heroku VPS.
- Developed a full-page map that loads with 20 surrounding business locations based on users search term.
- Created a map info box to display the most recent review at each location.
- Technologies used: KnockoutJS, NodeJS, ExpressJS, Google Maps API, Yelp API, Heroku VPS.

SCM UI Checker - *https://github.com/tianhengzhou/SCM-Regression-test*   *October 2015*

- Created a set of script to automatically test Google Fiber SCM (Service and Configuration Manager) portal via selenium web driver.
- Developed user interface and argument parse to choose test or set parameters.
- Develop a class to automatically generate ticket in order to bypass Google Single Sign-On log in.
- Imported the code into google3 code base and modified to be able to run on cloud.
- Technologies used: Python, Selenium web driver.

THZLab Blog - *Code* | *www.tianhengzhou.com*   *September 2015*

- Created a blog web app hosted on Heroku via AngularJS, ExpressJS, NodeJS and MongoDB.
- Developed an authentication system using hashing security to allow users log in and make their post.
- Implemented a session feature to store current user log in session.
- Utilized TypedJS to get a typewriter animation on Home page.
- Technologies used: AngularJS, NodeJS, ExpressJS, MongoDB, Heroku VPS.

Feed Reader Testing- Test Driven Design   *October 2015*

- Created a JavaScript testing suite via Jasmine.
- Wrote 4 tests to cover RSS Feed testing, RSS feed property and menu state.

Work Experience

Google - *Test Engineer*   Mountain View, CA | *March 2015-Present*

- Work as a vendor at google fiber and design web automation script via selenium web driver.
- Collaborated with engineers to ensure issues were found and resolved before production phase.
- Finished 1 sets of web automation testing script and imported 1 set to google3 code base.
- Ongoing 1 web automation project and 1 finished WiFi automation project needs to upload to cloud.

Education

Udacity - *Front-End Web Developer Nanodegree*   October 2015
Oregon State University- *Electrical and Computer Engineer, Master of Engineering*   June 2014