

MIKE HOGUE

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EDUCATION

University of Arizona

M.S. in Computer Science

Jan 2015 - Current

University of Arizona

B.S. in Computer Science

GPA: 3.59 overall, 3.52 in CS Courses

Graduated May, 2014

EMPLOYMENT

Software Engineering Intern - Universal Tranware (Jan 2014 – Mar 2014, Feb 2013 – Apr 2013)

- Modularized a Ride Sharing web application using PHP, Javascript, CSS and HTML
- Developed an Android app (for internal use) to read swiped credit cards using the devices SDK
- Developed a parsing tool using PHP to combine multiple log files into one log file

Software Engineering Intern – Garmin (May 20th, 2013 – August 21st, 2013)

- Created a web service (WSDL) that OEMs use to get device information given a Unit ID
- Created a web application to search and report statistics from a MySQL database using Google Charts
- Upgraded current applications from Grails 1.3.6 to Grails 2.2.2
- Worked in a team of six using Git and Gerrit

Graduate Assistant for CsC 452: Operating Systems- University of Arizona (Jan 2015 – Current)

- Teach a one hour weekly discussion section to cover additional course material
- Hold office hours twice per week to help students with course material and assignments
- Create and grade assignments, exams and quizzes.

Section Leader - University of Arizona (Aug 2013 – May 2015)

- Beginning Python (Aug 2013 – Dec 2013), Intermediate Python (Head Section Leader, Jan 2014 – May 2014)
 - Prepare and teach a weekly, two hour lab consisting of programming exercises for 15+ students
 - Hold weekly lab hours for all intro level CS students to get help on their current programming projects
 - Create and grade assignments, exams and quizzes. Assist in creating course material and curriculum.
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SKILLS AND QUALIFICATIONS:

- Languages: **Python, Java**, Javascript/jQuery, PHP, JSP, HTML5, CSS3, C, Groovy, MySQL, Oracle
 - Concepts: Object oriented design, MVC, AJAX, databases, data structures, web security (XSS, CSRF, MySQLi)
 - Frameworks: JDBC, JUnit Testing, PyTest, Python Unit Testing, Bootstrap
 - Tools/Programs: Git, Gerrit, Subversion, JIRA, Hudson, Tomcat, Apache
 - Other: Ubuntu/Linux development (bash), scripting (bash, python)
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PROJECTS

- Last.FM Normalizer – Use Last.FM's API to display charts based on time, not play counts (Dec 2013 - Current)
More info: <http://michaelhogue.net/normalizer.jsp> View in Chrome Store: <http://tinyurl.com/hoguelastfm>