

MICHAEL HOGUE

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EDUCATION

University of Arizona

MS in Computer Science, Jan 2015 – Current

University of Arizona

BS in Computer Science, May 2014 GPA: 3.59

EMPLOYMENT

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

- Worked in a team of six using Git for versioning, Gerrit for code review, and JIRA for bug tracking
- Created a web service (WSDL) that clients 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
- Found and fixed more than 50 reported bugs and issues that existed in the project

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

- Refactored a car-tracking web application to be able to track multiple cars at once instead of just one
- Developed and tested multiple apps for Android credit card swipers (to find the best, cheap swiper)
- Developed a web application to connect the lines between multiple log files and database

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

- Prepare and teach a one hour weekly discussion for ~80 students
- Help students understand material by holding office hours, answering emails, and answering Piazza posts
- Create and grade assignments, exams and homeworks.

Section Leader - University of Arizona (Aug 2013 (Beginning Python) – May 2014 (Intermediate Python))

- 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 curriculum.

PROJECTS

- **Last.FM Normalizer** – Google chrome extension to embed charts based on time into profiles (Dec 2013 - Current)
More info: <http://michaelhogue.net/normalizer.jsp> View in Chrome Store: <http://tinyurl.com/hoguelastfm>
- **MyNotes** – Final project for CsC 460, a MySQL and JSP relational database web application (Dec 2013)
More info: <http://michaelhogue.net/mynotes.jsp> View live demo: <http://mynotes.michaelhogue.net>

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)