

Michael Hogue

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EDUCATION AND COURSEWORK **University of Arizona (August 2009 – May 2014)**
Tucson, Arizona, United States
Bachelor of Science, College of Computer Science
GPA: 3.58 overall GPA, 3.51 GPA major
Dean's List with Distinction: Fall 2010, Spring 2011

EMPLOYMENT **Head Section Leader - Intermediate Python – SISTA Dept, U of A (01/14 – Current)**

- Prepare lab material and exercises that all section leaders for the course use to teach their lab section.
- Assist in creating course curriculum, such as using unit testing and version control systems, topics that are only covered in lab, not in the main course.
- In addition to these responsibilities, I also have the ones listed below.

Section Leader – Introduction to Python – Computer Science Dept, (08/13-12/13)

- Lead a two hour additional lecture once per week for about 20 students
- Assist students in completion of programming assignments and homework
- Grade and provide feedback on homework, exams and quizzes
- Hold general lab hours, two hours per week, in which all intro level CS students can come in to get help solving their programming assignments

Software Intern - Universal Tranware (Feb. 2013 – April 2013, Jan. 2014-Current)

- Developed UI/Javascript changes to modularize a Ride Sharing application
- Developed Android app for internal use to decode swiped credit cards
- Developed a parsing tool to combine multiple log formats into one log file

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

- Created a web service (WSDL) that OEMs can use to get update information about a GPS device from its UnitID
- Created statistical interfaces to chart sales, actions and other user information from a MySQL database using Google Charts
- Fixed at least 50 bugs reported through JIRA system
- Researched and documented the necessary steps to successfully upgrade their current applications from Grails 1.3.6 to Grails 2.2.2

SKILLS AND QUALIFICATIONS **Programming languages/Practices:** Java (proficient), Python (proficient), HTML5 (proficient), Javascript/jQuery (proficient), Git (experience), JUnit Testing (experience), Pytest Unit testing (experience), C (experience), PHP (experience), MySQL (experience), CSS (experience), Groovy/Grails (experience), JSP/Servlets (experience), Tomcat (beginner), Gerrit (experience), Subversion (beginner), Jira (experience)

Unix Systems: Very comfortable with Unix utilities/terminal environment

Web vulnerabilities: Understanding of major web vulnerabilities, such as XSS, MySQL injection and cross site forgery requests and the prevention methods.

PROJECTS **Last.FM Normalizer (Chrome Extension) – Open Source project (Dec. 2013)**
<http://michaelhogue.net/normalizer.jsp>

MyNotes JDBC/JSP/Servlet/MySQL Website – DB Design Final Project (Dec. 2013)
<http://michaelhogue.net/mynotes.jsp>

MUD Game: Java/Swing – Object Oriented Design Final Project (Dec. 2011)
<http://michaelhogue.net/mud.jsp>