

# 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** **Section Leader – CS Department, University of Arizona (August 2013 – Current)**

- Lead a two hour additional lecture once per week for about 20 students
- Assist students in completion of programming assignments and homework
- Write and grade quizzes, homework assignments and exams
- 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 Tranzware (Feb. 2013 – April 2013, Jan. 2014-Current)**

- Tested Android/iOS applications across multiple OS versions/devices
- 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 20<sup>th</sup>, 2013 – August 21<sup>st</sup>, 2013)**

- Created a webservice 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/Technologies:**  
Java (proficient), Python (experience), HTML5 (proficient), Javascript/jQuery (proficient), C (experience), PHP (experience), MySQL (experience), CSS (experience), Groovy/Grails (experience), JSP/Servlets (experience), Tomcat (beginner), Git/Gerrit (experience), Subversion (beginner), Jira (experience)

**Unix Systems:** Bash scripting, python scripting, IO Redirection, Piping, Unix utilities (experience)

**Testing:** JUnit testing (experience), web console for web debugging (proficient)

**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>