

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) <ul style="list-style-type: none">• 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) <ul style="list-style-type: none">• 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) <ul style="list-style-type: none">• 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) <ul style="list-style-type: none">• 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