

ANDREW NEGRI

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EDUCATION

Arizona State University

Expected May 2018

B.S. in Software Engineering, Minor in Business

Barrett Honors College

Overall GPA: 3.72 *Dean's List*

EMPLOYMENT

GoDaddy

May 2017 – August 2017

Software Development Intern

Gilbert, AZ

- Created a plugin in Python that captured the web access data of over 600,000 customer sites for Hadoop processing in real time. Developed using CI/CD with Jenkins and deployed using Puppet.
- Discovered over 1,000,000 customer data files that had not been deleted in the account deletion workflow and wrote a Bash script to manually remove them.
- Built and deployed 5 proxy servers by following an extensive build process with Puppet and other command line tools.

Arizona State University

August 2015 – December 2015

ASU 101 Section Leader

Tempe, AZ

- Led two sections of about 30 students each in an introductory course for the Software Engineering program at ASU for 50 minutes a week.
- Collaborated with faculty members on each lesson plan to optimize the content for the students.

PROJECTS

Real Time Event Notification System

July 2017

GoDaddy Intern Hackathon

- Created a REST API in Python using the Django framework that received event data and alerted relevant groups via a custom Slack bot.
- Developed a custom Amazon Alexa skill to accurately parse natural language and post to the API.

Drill Keeper Android App

February 2016 – Present

- Developed an application that serves as a digital drill book for use in marching bands. By entering data for a marching show, a performer can easily reference their coordinates and receive navigation instructions between each set.
- Crafted an intuitive user interface that adheres to material design guidelines with XML using Android UI components.
- Saved and passed data by serializing objects with JSON via the Gson library.
- Released on the Google Play store and updated regularly. Used user feedback to find bugs and influence future development.

PROGRAMMING LANGUAGES

Proficient

Java, C++, Python, Bash, JavaScript

Familiar

Verilog, MIPS Assembly