Grant Matthew Gilson

Undergraduate Computer Engineering

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Seeking Position: Software Development

Technical Skills:

Languages: C/C++, Python 2.7/3.4, Bash, CMake

Tools: Visual Studio Code, Clion, Git, VMWare, Bash, VNC, GDB

Operating Systems: Linux (Debian Based)

Additional Skills: Team Programming, Pair Programming, Continuation/Upkeep legacy system

Experience

San Jose State University MESA Chapter, San Jose CA - *4 Year Membership*

August 2014 - May 2018

- Speak Out! Competition
- Mousetrap Car - Second Place: MESA Day 2017

Aparna Systems, Fremont CA -*SQA Intern*

August 2019- September 2019

- Converting legacy Python scripts to Python3
- Writing portable scripts to query, log and graph sensor data from remote server

University of California Davis - *Undergraduate Teaching Aid*

September 2019 - Present

- Development of course material for lover division core classes
- Development of auto-grading scripts
- Weekly Office Hours to supplement instructor

Education

University of California Davis - Davis, CA

September 2018 - Present

Current Projects

The Missing CS Quarter:

Inspired by a curriculum developed at MIT to improve students' knowledge of development tools commonly used in the classroom and the workforce. This class aims to set a baseline of knowledge for students leaving the lower division CS track.

OH-Bot:

A Discord bot to help facilitate online instructor office hours. This project provides a forum for students to discuss problems while waiting for instructors to see them for office hours.