Sam Marder

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325158 Georgia Tech Station, Atlanta, GA 30332

Education

BS IN COMPUTER SCIENCE | GEORGIA INSTITUTE OF TECHNOLOGY   **FALL 2014 – PRESENT**

· Expected Graduation: Fall 2016 (no GPA)

· Courses: Data Structures and Algorithms

DUAL ENROLLMENT CLASSES AT FLORIDA ATLANTIC UNIVERSITY   **FALL 2010 – SPRING 2014**

· Accrued over 100 credits – GPA: 3.9

· Courses: Intro to Artificial Intelligence, Intro to Internet Computing

Experience

SOFTWARE ENGINEER INTERN | MINITAB INC.   **SUMMER 2014**

· Worked one-on-one with a researcher to flesh out and implement an automated system for visualizing output differences between different function implementations

· Scaled testing from hundreds of manual runs to millions of automated runs

· Tested cross-compatibility on Windows, OSX, and Linux with x86 and ARM architectures

· Implemented a distributed system to allow tests to be run across multiple devices in parallel

· Worked with Python, Cython, Matplotlib, Jinja2, RPyC, shell scripts, Git, Raspberry Pis

SOFTWARE ENGINEER INTERN | MINITAB INC.   **SUMMER 2013**

· Rewrote a mathematical expression parser with C++ and Boost Spirit

· Participated in daily Scrum meetings

QUALITY ASSURANCE ENGINEER INTERN | MINITAB INC.   **SUMMER 2012**

· Tested Minitab Statistical Software on various operating systems with various resolutions and languages

· Automated screenshots of dialog boxes for testing

Skills & Abilities

LANGUAGES

· Java, Python, C++, Bash

PROJECTS AND ACTIVITIES

· Configured and operate a private Linux email server

· Developed a tweet analyzer using Twitter's streaming API (http://git.io/1MjCRQ)

· Participate in Capture the Flag games: CSAW '14, H3 '14, Ghost in the Shellcode '14, Olympic CTF '14

· Member of the Georgia Tech Big Data Club