MAXWELL GRAVITTE

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Skills

PROGRAMMING LANGUAGES

Java
Python
C
HTML/CSS
Javascript
SQL

TECHNOLOGIES

Linux
Postgresql
GNU Make
Jira
SpiraTest
JUnit
Appium
Selenium
TestNG
Jmeter
Clang (LLVM)

Education

University of Pittsburgh
Aug. 2017 - Apr. 2021

B.S. Computer Science 2021

Employment

Cadence Design Systems, Inc.
(remote) Pittsburgh, PA

Software Engineering Intern — May 2020 - Aug. 2020

● Implemented a static analysis solution for Cadence's Allegro PCB Designer.
● Used Clang and its tools to extend the checks done during compilation.
● Analyzed results for performance problems and errors involving C, C++ and Qt syntax.

University of Pittsburgh
Pittsburgh, PA

Teaching Assistant — Sept. 2019 - Mar. 2020

Department of Mathematics
● Led recitations for a College Algebra class, held office hours and tutoring sessions.

Smith Micro Software, Inc.
Pittsburgh, PA

Summer Intern — May 2019 - Aug. 2019

● Executed server-side testing on Sprint's Visual Voicemail Application.
● Used Junit, Appium, Selenium and TestNG to write and execute automated test cases.
● Interfaced with Linux servers and SQL databases during testing.
● Used Jmeter to implement performance and functional tests for voice assistance compatibility.

Summer Intern — Pittsburgh, PA — May 2018 - Aug. 2018

● Performed client-side testing on Sprint's Visual Voicemail Application.
● Used SpiraTest for bug tracking and recording tests, Jira for SCRUM development.

Relevant Coursework

● CS 1501 Algorithm Implementation
● CS 1502 Formal Methods in Computer Science
● CS 1550 Introduction to Operating Systems
● CS 1632 Software Quality Assurance
● CS 1571 Introduction to Artificial Intelligence
● CS 1555 Database Management Systems

Awards

Boy Scouts of America · Eagle Scout   June 2016