

JOSHUA M. SLOCUM

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Education

College: University of Texas at Austin (**Turing Scholars honors program**). GPA: 3.82/4.0

Expected Graduation Date: May 2015

High School: Westwood High School in Austin, Tx. GPA: 5.1/5.0

Previous Classes

Honors Data Structures and Algorithms

Honors Logic, Sets, and Functions

Honors Analysis of Programs

Honors Computer Organization and Architecture

Research in Computational Intelligence in Game Design (Artificial Intelligence)

Honors Principles of Computer Systems (Operating Systems)

Automata Theory

Honors Artificial Intelligence

Honors Algorithms and Complexity

Current Classes (Fall 2013)

Honors Programming Languages

Graduate Graphics

Software Experience

5 years Java Programming

Lesser amounts of experience with C, Python, JavaScript, C++, and x86 assembly.

Work Experience

May 2013 – August 2013: Software Development Intern: Google.com

Maps team, designed and implemented feature in the new maps, using JavaScript and C++.

May 2012 – August 2012: Software Development Intern: Indeed.com

On search quality team, worked on large scale back end data analysis using Java

May 2011 – August 2011: Development/Testing Intern: Phunware Inc.

Worked on android apps, and tested both Android and iPhone apps

June 2010 – August 2010: IT Intern: Motive Inc./ Alcatel Lucent

Fixed computers, learned about networking systems, operating systems, etc...

Related Extracurricular Activities

Second place at the Facebook: Seattle Summer of Hack Hackathon.

I achieved 5th place at the Indeed/ACM programming competition in fall 2012 and am a member of the UT ACM Programming team.

I achieved 4th place at the Indeed programming competition in spring 2012.

In 2011, I joined the Skills USA Competition, and won 1st place at state and 2nd place at nationals, as the programming man of a two man team in the robotics automation technology competition.

I also achieved the level of silver in the USACO online programming competition in 2011.

Notable Projects

Wrote multiple video games on my own time.

Wrote Competition Manager for computer science UIL competitions

Wrote an environmental simulation for a project in my Independent Study in Computer Science class

Won Excellence in Computer Science Research Award for collaboration on project "Composing Piano Music Using Neural Networks".

Wrote most of an operating system.

Added a feature to Google Maps.