

Scott Todd

SKILLS

Languages	Proficient in: C++, Python Familiar with: C#, C, JavaScript, Java
Platforms	Linux, Windows
APIs	OpenGL, WebGL, OpenCV
Tools	Git, Subversion, Unity3D, Jenkins CI

EXPERIENCE

Google	<i>Software Engineer</i>	Seattle, WA	2015-Present
Google	<i>Software Engineering Intern</i>	Seattle, WA	Summer 2014
<ul style="list-style-type: none"> Added interactive WebGL analysis tools to the open source Web Tracing Framework, augmenting existing WebGL recording and playback functionality Developed with JavaScript, Closure Tools, and WebGL 			
MITRE	<i>Software Engineering Intern</i>	Bedford, MA	Summer 2013
<i>Non-profit research and development for government agencies</i>			
<ul style="list-style-type: none"> Architected and developed an extensible, robust, and automated research framework for a computer vision system, enabling researchers to analyze complex mathematics Added real-time plotting of computed statistics to an existing research tool Developed with Python, C++, Qt, Groovy, Git, Jenkins, JIRA, and Linux 			
MITRE	<i>Software Engineering Intern</i>	Bedford, MA	Summer 2012
<ul style="list-style-type: none"> Implemented and deployed interactive social media visualizations showcasing impact and collaboration across MITRE Enabled employees throughout the company to easily view social activity and find both groups and connections of potential interest Developed with JavaScript, HTML, MySQL, Java, Python, Git, and Elgg 			
MITRE	<i>Software Engineering Intern</i>	Bedford, MA	Summer 2011
<ul style="list-style-type: none"> Researched interactive social media visualizations of internal organization data Explored Android development using the GumStix platform Developed with Processing, Ruby, Virtual Machines, Git, and Android 			
Zen Gaming	<i>Intern</i>	Framingham, MA	Summer 2010
<i>Leader in online poker</i>			
<ul style="list-style-type: none"> Kept internal testing environments up-to-date, expanded test functionality Developed with JavaScript, HTML, and VBScript 			

EDUCATION

Rensselaer Polytechnic Institute	GPA: 4.00	Troy, NY	Graduated May 2015
Bachelor of Science in Computer Science			
Bachelor of Science in Games and Simulation Arts and Sciences			

PROJECTS

My project work can be viewed at scotttodd.github.io