Scott Todd

scott.todd0@gmail.com

SKILLS

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

EXPERIENCE

Google   *Software Engineering Intern*   Seattle, WA   Summer 2014
- 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   *Software Engineering Intern*   Bedford, MA   Summer 2013
Non-profit research and development for government agencies
- 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   *Software Engineering Intern*   Bedford, MA   Summer 2012
- 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   *Software Engineering Intern*   Bedford, MA   Summer 2011
- 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   *Intern*   Framingham, MA   Summer 2010
Leader in online poker
- 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   Expected Graduation 2015
Bachelor of Science in Computer Science
Bachelor of Science in Games and Simulations Arts and Sciences

PROJECTS

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