

Scott Todd

scott.todd0@gmail.com

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 *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 Graduation 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