

# Scott Todd

[scott.todd0@gmail.com](mailto:scott.todd0@gmail.com)

## SKILLS

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**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

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**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

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

## PROJECTS

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My project work can be viewed at [scotttodd.github.io](http://scotttodd.github.io)