

# Brian Peck

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## Experience

### **Software Engineer, Lockheed Martin Advanced Technologies, 2007 - Present**

- Working in Scala to provide a biologist-friendly Network modeling tool for the National Institute of Health, currently in alpha testing.
- Created a Java solution for auditing and archiving of Windows security logs across secure networks for internal Systems Administrators.
- Developed Javascript web clients, Java back end services, and Jersey web services for use by the Office of Naval Research for Navy Admiral briefings. Was customer face of product; provided active support reporting customer feedback to developers, and providing developers on-site debugging information in the production environment.
- Prototyped a wearable, networked augmented reality system to enhance situational awareness for dismounted warfighters. Developed sensor alignment algorithms and integrated hardware and software components from five partners; successfully demonstrated in the field to DARPA personnel in January 2010.
- Developed prototype Android application for unmanned vehicle inventory interaction.
- Developed a Python-based testing framework for automating testing procedures; framework was used for two years until project completion.
- Created a multi-language (Python & Java) dynamically allocating resource cloud using the RabbitMQ implementation of AMQP.
- Developed a prototype web enabled track fusion application for the Air Force using JSF to communicate to a Java backend with a Postgres database using GIS extensions.
- Have worked directly with customers for on-site installations, gathering and reporting user feedback, and product presentations.

### **Web Development Intern, USGS Astrogeology, 2006 - 2007**

- Developed and updated websites for the USGS Astrogeology department including astrogeology.usgs.gov and mapaplanet.org using JavaScript, HTML, Perl, in conjunction with Postgres and GIS databases.

## Technical Proficiencies

- Java: Five years of object-oriented programming experience using Java.
- Scala: Significant experience developing scala applications.

- SBT: Experience with setting up SBT projects as well as upgrading old SBT versions to current version.
- Git/Mercurial/SVN: Significant experience with version control systems, including setting up a Gitolite server to provide site wide Git access.
- JavaScript: A year of experience developing web applications using JavaScript(YUI), HTML, CSS and GWT.
- Linux: A year of Linux system administration and development experience.
- Python: Experience developing a Python-based automated testing framework.

## **Awards**

- 2011: Lockheed Martin Individual Spot Award in recognition of exceeding project expectations resulting in additional project funding kept on-site.
- 2010: Lockheed Martin Individual Spot Award in recognition of customer praise for technical support across numerous product releases.
- 2008: Lockheed Martin Individual Spot Award for exceeding expectations and demonstrating exceptional performance.
- 2008: Lockheed Martin Team Special Recognition Award for exceeding expectations and demonstrating exceptional performance.

## **Education**

- *Master of Science in Computer Science*, USC 2013 (expected)
- *Bachelor of Science in Computer Science*, Northern Arizona University 2007