

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 Institutes of Health which is 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 provided 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. Provided on-site installations and product presentations.

Web Development Intern, USGS Astrogeology, 2006 - 2007

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

Technical Proficiencies

- Java: Five years of Java object-oriented programming experience.
- Scala: Significant experience developing Scala applications.
- SBT: Experience with creating and maintaining SBT projects across multiple versions.

- Git/Mercurial/SVN: Significant experience with version control systems, including setting up a Gitolite server to provide site wide Git access.
- JavaScript/GWT/HTML: 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