

# Patrick Gray

Software Engineer

## Personal Data

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## Languages and Tools

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Different Languages: C/C++, Verilog, MATLAB, Objective C, Java  
Tools and Methods: Git, CI, Agile, Bash Scripting, Drupal, SQL Databases, AWS, L<sup>A</sup>T<sub>E</sub>X

## Education

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Sep 2009 - May 2013	Bachelor of Science in Electrical and Computer Engineering <i>Rutgers, The State University of New Jersey - GPA: 3.05</i> Computer Architecture and Assembly Language, Digital Logic Design, Programming Methodology I (C++), II (Java), Operating System Design, Software Engineering, Parallel and Distributed Computing, Virtual Reality, Network Centric Programming
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## Work Experience

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Nov 2013 - Present	IT Infrastructure Contractor at DirecTV via Robert Half Technology <i>lifeshield.com</i> Optimized warehouse software to cut install time in half by developing and incorporating an android application. Derived a method of cleaning DBMail databases from the application's source code. Implemented continuous integration, Atlassian Bamboo, for the android development team.
Oct 2012 - Apr 2013	Web Dev. Intern at Professional Science Master's Program <i>psm.rutgers.edu</i> Department web developer/admin. Migrated the site to a virtual backend.
Jun 2012 - Aug 2012	Web Developer for Innovation Park@Rutgers <i>ipark.rutgers.edu</i> Built a Drupal website on Windows Server. Completed set goals early, allowing for refinements and changes to original plans while still under original development timeline.
Apr 2011 - Sep 2012	iOS/Web Dev. Intern at Rutgers Advanced Technology Extension <i>rate.rutgers.edu, hackerspace.rutgers.edu</i> Developed an iPad application for the continuing education User Experience Design course. Post-completion, focused on the development of Drupal websites.

## Projects and Activities

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Jan 2013 - May 2013	ASUH: API for the Scientific Utilization of Heterogeneity <i>github.com/jlee734/ASUH</i> An API to transfer data analysis off HPCs and decrease utilization time by providing remote CPU and GPU execution methods.
Sep 2009 - May 2013	Rutgers D1 Track and Field Athlete: <i>Pole Vaulter</i> Devoted 30+ hours a week to training in addition to full course load. Perservered through reoccurring injuries to recover and accomplish goals.