

Andrew C. Russell

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Education

Pomona College – Claremont, CA

Bachelor of Arts in Computer Science, Minor in Classics, *expected May 2015*

GPA: 3.81

Relevant Coursework:

- Computer Systems – *Spring 2013*
- Domain-Specific Languages – *Fall 2013*
- Data Structures and Advanced Programming – *Spring 2012*

Honors and Awards:

- Pomona College Scholar – *Fall 2013, Spring 2012, Fall 2011*
- National Society of Collegiate Scholars

Computer Skills

Languages: Python, Java, JavaScript, HTML, CSS, Scala, LaTeX, C, C++

Software: Vim, Git, Unix, Eclipse, Heroku, Bash, Photoshop, SVN

Frameworks/Libraries: jQuery, Flask, Google Chrome extensions, Swing/AWT, JUnit, ScalaTest, pygame

Experience

Engineering Practicum Intern, *May 2013 – August 2013*

Google – Mountain View, CA

- Worked closely with the Ads team to implement needed projects
- Greatly improved the speed of a regression test used often by the team
- Generated Python code based on XML to verify test results

Computer Science Mentor, *September 2012 – Present*

Pomona College – Claremont, CA

- Tutor nearly 30 students once a week, providing supplemental instruction
- Grade approx. 60 students' weekly assignments, evaluating based on correctness and style
- Collaborate with other mentors to help students, working together as a resource
- Mentored for Introduction to Computer Science Fall '12, '13 and for Data Structures Spring '13

REU (Research Experience for Undergraduates) Intern, *May 2012 – August 2012*

Washington University – St. Louis, MO

- Assisted in computational biology research directed by Professor Weixiong Zhang
- Wrote Python, MATLAB, and Bash scripts to analyze biological data using a variety of techniques
- Worked closely with a graduate advisor to successfully implement the research goals

Activities/Interests

- Founding Member, **Claremont Hack**, *October 2012 – Present*
 - Organize the 5C Hackathon, a biannual coding competition with over 130 participants
 - Teach HTML/CSS and mentor during "Hack Week," an introduction to web programming
 - Promote collaboration between students across the Claremont colleges
- Board Member, **Pomona Student Union**, *March 2012 – Present*
 - Bring outside speakers representing multiple perspectives to campus to debate relevant issues
- Eagle Scout, **Boy Scouts of America**, *August 2011*
- Experienced with the Latin language, top contributor to the Facebook translation project
- Traveled to Italy, Spain, France, Sweden