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:
 Artificial Intelligence, *Fall 2013*; Computer Systems, *Spring 2013*; Domain-Specific Languages, *Fall 2012*
Honors and Awards:
 Pomona College Scholar, *Fall 2013*; National Society of Collegiate Scholars, *Spring 2012*

Computer Skills

Languages: Python, Java, JavaScript, HTML, CSS, C, Scala, LaTeX, Objective-C, C++
Software: Git, Eclipse, XCode, Vim, Unix, Bash, Heroku, Photoshop, SVN
Frameworks/Libraries: Flask, Node.js, Chrome Extensions, jQuery, Swing/AWT, JUnit, iOS, Android, ScalaTest

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
- Eliminated difficult-to-maintain Python code, designed a script to generate it based on XML schema

Computer Science Mentor, *September 2012–Present*
Pomona College — Claremont, CA
- Tutor nearly 30 students once a week, provide supplemental instruction
- Grade approximately 60 students' weekly assignments, evaluating based on correctness and style
- Mentored Intro in Fall '12 and Fall '13, Data Structures in Spring '13, and Computer Systems in Spring '14

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 and participate in the 5C Hackathon, a biannual coding competition with over 130 participants
  - Teach HTML, CSS, and JavaScript and mentor during Hack Week, an introduction to programming attended by 100+ students
  - 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
- Winner of the Best Game Award, **5C Hackathon**, *Spring 2013*
  - Wrote a puzzle game for the Nintendo GameBoy with 3 other teammates
- Eagle Scout, **Boy Scouts of America**, *August 2011*
- Experienced with the Latin language, top contributor to the Facebook translation project
- Traveled to Spain, France, Italy, Sweden