Andrew C. Russell

170 East Sixth St. #335 — Claremont, CA 91711

(314) 440-8830 — andrew.russell@pomona.edu

http://www.acrussell.com

http://www.github.com/euclio

Education

Pomona College — Claremont, CA   GPA: 3.74
Bachelor of Arts in Computer Science, Minor in Classics   Expected Graduation Date: May 2015
Relevant Coursework:
    Database Systems; System Administration Seminar; Digital Electronics; Filesystems; Software Development;
    Artificial Intelligence; Domain-Specific Languages
Honors and Awards:
    Pomona College Scholar, *Spring 2014, Fall 2013, Spring 2012, Fall 2011*

Experience

Software Engineering Intern   *May 2014—August 2014*
Google   Mountain View, CA

- Assisted the Android team with both server and client work to implement a cutting-edge API.
- Refactored a legacy RPC to use a new, more encapsulated interface
- Added a parameter to an RPC often polled by clients to save bandwidth if nothing on the server has changed
- Designed an interface for paginating large server responses, weighing the pros and cons of various approaches

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, providing supplemental instruction
- Grade students' weekly assignments, evaluating based on correctness and style
- Mentored Data Structures, Computer Systems, and Artificial Intelligence

Software Development Skills

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

Activities/Interests

Head Organizer and Founding Member, **Claremont Hack**   *October 2012—Present*
- Organize and participate in the 5C Hackathon, a biannual coding competition with over 300 participants
- Teach HTML, CSS, JavaScript during Hack Week, a week-long seminar attended by 100+ students
- Promote collaboration between students across the Claremont Colleges

Treasurer and Founding Member, **J'NEX**   *Fall 2013—Present*
- Handle finances for Pomona's Japanese culture club

Winner of *Best Game*, **5C Hackathon**   *Spring 2013*
- Designed and implemented a puzzle game for the Nintendo GameBoy with three other teammates

Open Source Contributor
- Wrote a patch to support the fish shell in Vim

Eagle Scout, **Boy Scouts of America**   *August 2011*
Experienced translator of Latin
- Contributor to Google Translate and the Latin translation of reddit and Facebook