

Andrew C. Russell

170 East Sixth St. #335 — Claremont, CA 91711
(314) 440-8830 — andrew.russell@pomona.edu

<http://www.github.com/euclio>
<http://www.acrussell.com>

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 an etag parameter to improve client polling efficiency, saving an average of 1KB per request
- 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

- Tripled the speed of a long regression test used often by the Ads team
- Eliminated difficult-to-maintain Python code, designed a script to generate it based on an 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: Vim, Git, Eclipse, IntelliJ, Android Studio, XCode, Unix, Bash, Heroku, Photoshop, SVN

Frameworks/Libraries: iOS, JUnit, jQuery, Chrome Extensions, Flask, Node.js, Swing/AWT, ScalaTest

Activities/Interests

Head Organizer and Founding Member, Claremont Hack

October 2012–Present

- Organize and participate in the 5C Hackathon, a semiannual coding competition with over 300 attendees
- Teach HTML, CSS, and JavaScript during Hack Week, a week-long seminar attended by 100+ students
- Promote collaboration between students across the Claremont Colleges

Open Source Contributor

January 2012–Present

- Wrote a patch to support the fish shell in Vim
- Improved the build feature of a popular Vim plugin manager

Winner of *Best Game*, 5C Hackathon

Spring 2013

- Designed and implemented a puzzle game for the Nintendo GameBoy with three other teammates

Treasurer and Founding Member, J'NEX

Fall 2013–Present

- Handle finances for Pomona's Japanese culture club

Eagle Scout, Boy Scouts of America

August 2011–Present

Experienced translator of Latin

Spring 2013–Present

- Contributor to Google Translate and the Latin translation of reddit and Facebook