

## Education

**University of California Berkeley, Class of 2016** — Computer Science

GPA: 3.78 Academic Distinction Honors to date

## Work Experience

**Quality Assurance Engineer**, Student Affairs Information Technologies

Berkeley, CA, Summer 2013–present

Performed QA testing on Google Web Toolkit applications developed for the Office of Undergraduate Admissions. Developed automated testing framework in JUnit with Selenium and wrote technical specifications in an Agile environment.

**Intern, Department of Math**, Stanford University

Stanford, CA, Fall 2011–Summer 2012

Developed graphical user interfaces for software designed to analyze “big data” and bioinformatics datasets. Worked with gene expression microarrays in the R statistical programming language.

**Summer Programming Intern**, Laboratory of Structural Biology Research,  
National Institutes of Health

Bethesda, MD, Summer 2010

Lab research programming with Linux shell scripting and Python. Developed an extension for UCSF Chimera, a molecule visualization software.

## Skills and Technologies

Languages: **Expert:** Python, C **Proficient:** Java, HTML/CSS, **Experienced:** R, bash scripting

Skills: UI/frontend design, Adobe Creative Suite, Agile development, integration and unit testing, test automation, JUnit, Selenium, flask, XPath, Git

Photo and video production, Branding and Identity design

## Activities and Projects

**Blue Tier, Innovative Design** - Designed fliers, logos, and branding for on and off campus organization on a team

**Webmaster, Research and Development at Berkeley** - Developed and designed club website and currently manage online identity - [rnd.berkeley.edu](http://rnd.berkeley.edu)

**AngelHack SF 2013** - Started development on **pork**, a Python and Flask based zork-like adventure game. <http://git.io/OC0qFw>

**CourseScrape** - A web scraper in Python using mechanize to recursively search for and download course materials from given course websites <http://git.io/y8053Q>

## Notable Honors

2013 — Academic Distinction Honors to Date  
Intel Foundation Scholarship

2012 — National Merit Finalist  
AP Scholar with Distinction

CODE  
DESIGN  
PASSION.



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