

## Education

University of California Berkeley, Class of 2016 — Computer Science

Selected courses: Linear Algebra, Discrete Mathematics and Probability, [AI, Algorithms](#)  
GPA: 3.60 \*currently enrolled

## Projects/Hacks

AngelHack Silicon Valley : [BitSlayer](#), Android/iOS game | BearHack 2013 : [HowManyGiven](#), a web-based lexical analysis | AngelHack SF : [pork](#), a text game | 16-bit 2 stage MIPS processor | Scheme Interpreter | Hadoop MapReduce text analysis | MIPS simulator | SSE image convolution | Twitter trend analysis

## Work Experience

**Quality Assurance Engineer**, Student Affairs Information Technologies Summer '13-now  
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 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, Summer 2010  
National Institutes of Health  
Bethesda, MD, Lab research programming with Linux shell scripting and Python. Developed an extension for UCSF Chimera, a molecule visualization software.

## Activities

**Innovative Design** Fall 2012–now  
Blue and Marketing Tiers. Branding and graphic design for on and off campus clients. Developed [rgb.makingberkeleybeautiful.com](#), assisted in branding and event management

**Lab Assistant, Machine Structures** Spring 2014–now

**Webmaster, Research and Development at Berkeley** Fall 2013–now  
Developed and designed club website, currently manage online identity - [rnd.berkeley.edu](#)

## 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, bash shell  
Photo and video production, Branding and Identity design

## 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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