

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

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,
National Institutes of Health

Summer 2010

Bethesda, MD, 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, bash shell
Photo and video production, Branding and Identity design

Activities

Innovative Design

Fall 2012–now

Blue and Marketing Tiers. Branding and graphic design for on and off campus clients.

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

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

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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