

ANITA CU

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EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY, expected May 2020

Computer Science, B.A.

Cal Teach / Science and Math Education Minor

GPA 3.96 | Dean's Honors List: Fall 2016, Spring 2017

RELEVANT COURSEWORK

Completed:

- Structure and Interpretation of Computer Programs
- Linear Algebra and Differential Equations
- Calculus

In Progress (Fall 2017):

- Data Structures
- Designing Information Devices and Systems I
- The Foundations of Data Science
- Intro to Teaching Computer Science

SKILLS

PROGRAMMING LANGUAGES

- Java & Python (proficient)
- Scheme, SQL, HTML/CSS (familiar)
- JavaScript & R (in progress)

PROJECTS

PERSONAL WEBSITE

<http://anitacu.github.io>

- create simple website after self-learning HTML/CSS
- write blog posts & update regularly

WORK EXPERIENCE & LEADERSHIP

COMPUTER SCIENCE MENTORS

August 2017 - present

Junior Mentor

- Teach computer science concepts for section of 4-5 CS61A (Structure and Interpretation of Computer Programs) students weekly.
- Meet with senior mentors weekly to go over material/worksheets & individually prepare for teaching section.

LAWRENCE HALL OF SCIENCE

May 2017 - August 2017

Lead Facilitator of Ingenuity Lab

- Teach science in engaging way by guiding kids and families through hands-on engineering design challenges including hydraulics, linkages, circuitry, and marble machines.
- Delegate tasks for teen interns and volunteers to manage space of Ingenuity Lab.

UC BERKELEY EECS DEPARTMENT

May 2017 - present

Academic Intern

- Assist & tutor students with projects, labs, and homework assignments at office hours and lab sections for CS61A (Structure and Interpretation of Computer Programs).

SAGE MENTORSHIP PROJECT

August 2016 - present

Mentor

- Mentor/tutor local 5th graders weekly at Washington Elementary School in Berkeley, CA.
- Promote students' academic, social, and emotional development by building their self-confidence to succeed.