

## EDUCATION

### ***University of California, Berkeley — August 2016 - May 2020 (expected)***

Computer Science B.A., Intended

- Relevant Coursework: Structure and Interpretation of Computer Programs (CS61A), Human-Centered Design (ME 98)

### ***Vista del Lago High School, Folsom CA — August 2012- May 2016***

GPA: 4.41

- National Honor Society (President), Key Club (Vice President, Treasurer), California Scholarship Federation (Treasurer, Historian), Varsity Tennis
  - Multivariable Calculus at Folsom Lake College (Spring 2016)
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## SKILLS

Python, HTML, CSS

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## EXPERIENCE AND LEADERSHIP

### ***Association of Women in EECS, Member — August 2016 - Present***

- Designed fliers for info sessions with CS KickStart company sponsors

### ***CS KickStart Participant — August 2016***

- Selected for week long program for 30 UC Berkeley freshman women in Computer Science
- Created a photo collage in Jython and a personal website with HTML/CSS during a hackathon

### ***Cognitive Exchange, President, Instructor, Technology Officer — June 2013-August 2016***

(<http://cognitiveexchange.org/>)

- Taught intermediate and advanced speech classes to over 600 middle school to college students in India through virtual one hour classes
- Recruited and organized training sessions for over 20 new instructors and planned quarterly teaching schedules: **900%** growth rate in students taught from 2014
- Designed original website in 2014; collaborated on LMS platform creation to expand curriculum accessibility through video recording, editing, and site design

### ***UC Davis Mind Institute Wet Lab Intern — June 2015 - August 2015***

- Interned under Dr. Flora Tassone; learned and conducted standard research and maintenance procedures
- Collected, logged, and analyzed data using software for autism research

### ***Tutor — August 2015 - July 2016***

- Taught and assisted students in Algebra and Pre-Calculus with homework and test corrections
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## PROJECTS

### ***Unite (Cal Hacks) — November 2016***

- Developed an iOS app for those interested in being a part of a protest; allows users to add a protest, check-in to one, and to see the safety rating of a protest and check-in
- Learned how to use Swift and worked on the backend to implement features like pinning points on a map and adding data; designed initial layout of application

### ***Scheme Interpreter (CS61A) — November 2016***

- Used Python to build an interpreter for a subset of the Scheme language that includes primitive expressions, user-defined expressions, dynamic scoping, and supports tail calls

### ***Ants vs. SomeBees (CS61A) — October 2016***

- Tower defense game inspired by the game “Plants and Zombies” and created with Python using object-oriented programming
  - Involves different types of ants that can throw leaves to destroy incoming bees in a colony
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## AWARDS

- Berkeley Leadership Award, 2016
- National AP Scholar, 2016
- AP Scholar with Distinction, 2015
- California State History Day, Website Category, Honorable Mention, 2015
- Sacramento County History Day, Website Category Winner, 2011, 2012, 2015