

Shreya Sahoo

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EDUCATION

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

Computer Science B.A., Intended

GPA: 3.89

- Relevant Coursework: Structure and Interpretation of Computer Programs (CS61A), Data Structures (CS 61B / In progress), 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)

SKILLS

Comfortable with: Python, Sketch

Some Experience: SQLite, HTML, CSS, Photoshop

Learning: Java, BootStrap

EXPERIENCE AND ACTIVITIES

Computer Science Mentors, Junior Mentor — January 2017 - Present

- Lead a weekly section for a group of five CS61A students to strengthen their understanding of key concepts
- Meet with a Senior Mentor to discuss teaching skills and receive guidance on how to teach lessons

CS 61A Academic Intern — January 2017 - Present

- Provide guidance in understanding concepts and homework questions to students during lab and office hours

Association of Women in EECS, CS KickStart Organizer (Industrial Relations) — August 2016 - Present

- Previous participant for CS KickStart, a week long program for 30 freshmen women in Computer Science
- Contact and connect with company sponsors for CS KickStart 2017

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.

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

AWARDS

- Berkeley Leadership Award, 2016
- National AP Scholar, 2016
- AP Scholar with Distinction, 2015
- California State History Day, Website Category, 4th Place, 2015
- Sacramento County History Day, Website Category Winner, 2011, 2012, 2015