SHREYA SAHOO

shreyasahoo@berkeley.edu
shreyasahoo.github.io
github.com/shreyasahoo
(916)-934-4459

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

Proficent In: Python, Sketch
Some Experience: Java, HTML, CSS, Photoshop
Learning: BootStrap, Swift

EXPERIENCE AND ACTIVITIES

Computer Science Mentors, Junior Mentor — January 2017 - Present
- Lead a weekly section for a group of four 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

PROJECTS

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

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

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