SHREYA SAHOO

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EDUCATION

University of California, Berkeley — August 2016 - May 2020 (expected)
Computer Science, B.A. (Intended)
GPA: 3.90
- Relevant Coursework: Structure and Interpretation of Computer Programs (CS61A),
  Data Structures (CS 61B), 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

SKILLS

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

EXPERIENCE AND ACTIVITIES

UC Berkeley CS 61A Tutor — June 2017 - Present
- Mentor groups of students and teach students one-on-one to strengthen understanding of core concepts
- Proctor, grade, and design exams; grade project composition and style; plan exam review sessions

Computer Science Mentors, Senior Mentor — January 2017 - Present
- Mentor a weekly section five CS61A students to reinforce course material
- Lead weekly meetings with junior mentors to discuss worksheets and give teaching advice
- Collaborate with senior mentors to create worksheets and teaching guides

Association of Women in EECS, CS KickStart Organizer (Industrial Relations, Lab Teacher)— August 2016 - Present
- Previous participant for CS KickStart, a week long program for 30 freshmen women in Computer Science
- Contact and connect with company sponsers for CS KickStart 2017
- Teach Python basics and help participants in completing a photo collage coding project

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

PROJECTS

Bear Maps (CS 61B) — March 2017
- Using Java, implemented the backend of a web mapping application that allows users to zoom into a map of
  Berkeley
- Finds the shortest path between two locations and includes an autocomplete search feature

Database (CS 61B) — February 2017
- Built a database management system using Java that allows users to create, store and load tables, insert values
  into tables, and merge multiple tables together with different conditions

Scheme Interpreter (CS 61A) — 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