KUNAL AGARWAL

(510) · 676 · 3898– kagarwal2@berkeley.edu

Berkeley, CA — kunal-agarwal.com

EDUCATION

University of California, Berkeley — May '21
Bachelor of Arts in Computer Science
GPA: 3.96/4.0

Mission San Jose High School — Jun '17
High School Diploma
Student Groups: Wind Ensemble & Marching Band (Trumpet), Debate, Model United Nations

SKILLS

Proficient	Python, Scheme
Familiar	Java, MySQL, HTML/CSS, Javascript, Node.JS

RELEVANT COURSEWORK

· Program Structures & Interpretations, Data Structures; Foundations of Data Science
· Linear Algebra, Multivariable Calculus

EXPERIENCE

CS 61A: Structure and Interpretation of Computer Programs — Jun '18 - present
Academic Intern — *UC Berkeley*

· Assisted in lab sections three hours a week by reinforcing each students understanding of course material and providing conceptual support.
· Provided support in office hours two hours a week by guiding students through comprehensive classifier and interpreter projects.

Pioneers in Engineering — Aug '17 - May '18
Web Developer — *UC Berkeley*

· Maintained website [pioneers.berkeley.edu] using HTML/CSS.
· Repaired and improved parts of the website by debugging margin issues, photo quality, and CSS stylesheet issues and adding features required by the team.
· Redesigned the website to make it user-friendly by changing the organization of information, replacing the layout of the front page, and reformatting the way in which the website looped through XML files.

PROJECTS

CS 61A: Teaching Materials: Web Application using Node.JS — Aug '18 - present

· Utilized Express to query a SQL database, providing users with worksheets on their topic(s) of preference.

Scheme Interpreter — Apr '18

· Mastered concepts regarding interpreters, promises, and tail recursion optimization.