

KUNAL AGARWAL

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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 Django

Aug '18

- Utilized Django framework to allow users to view worksheets and their corresponding solutions that are specific to their topic(s) of preference.
- Implemented on personal website [kunal-agarwal.com] using HTML and CSS.

Scheme Interpreter

Apr '18

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