Jacob Bueno

Berkeley, CA (510)493-5919 buenojacob7@berkeley.edu Linkedin

EDUCATION

The University of California, Berkeley, CA May 2026 Bachelor of Arts in Data Science

Relevant Coursework: CS 61A: Structure & Interpretation of Computer Programs (**Python, SQL**), **CS 61B**: Data Structures (**Java**), **DATA 8**: Foundations of Data Science (**Python)**

SKILLS

Languages: Advanced: Python. Proficient: JavaScript, CSS, HTML, Java, SQL, Scheme
Libraries: Pandas, NumPy, Sys, Math, Random, OS, JSON, Asyncio, UnitTest, Tkinter

HIGHLIGHTED PROJECTS & EXPERIENCE

Code Coach *The Coder School - Berkeley*
- During my time in this position I had an amazing time teaching young children how to code from beginners using Scratch to more advanced kids using Python and Java.

Build Your Own World (JAVA) *CS 61B: Data Structures- UC Berkeley*

- Built and engineered a world creation engine that is randomly generated and interactive using Java concepts and libraries.

Survey Application (HTML/CSS/JS) *Personal Project*

- Built and designed a quick and accessible survey app for the purpose of gathering data.

2048 (Python) *Personal Project*

- Utilized object-oriented programming principles to engineer a replica of the game 2048.

Snake (Python) *Personal Project*

- Developed and utilized instance and class methods to replicate the classic game of snake.

LEADERSHIP & EXTRACURRICULAR ACTIVITIES

UC Berkeley Pioneers in Engineering Spring 2023 - Present *UC Berkeley Organization*

- A student-run organization on campus that is devoted to teaching high school students about coding and robotics through fun and interesting competitions between multiple schools.
- Member of Shepherd branch which specializes in developing and creating programs that run the game field during competitions. Things include the game GUI, the scoreboard, and team bracket which I personally worked on.

Big Ideas at Berkeley 2023 - *UC Berkeley*

- A competition for start-ups in Berkeley that need extra help to get started; worked on two apps to better the wellbeing of others.
- I worked on this project with students from various universities including Cal, MIT, Harvard, Stanford, and Yale.