Catherine Gee

Current student at UC Berkeley interested in graphics, UI/UX, and CS education.

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EDUCATION

The University of California, Berkeley — *B.A.*

AUG 2018 - MAY 2022

Major: Computer Science / Data Science

Xavier College Preparatory High School, Palm Desert — *High School*

AUG 2014 - MAY 2018

Honors/Organizations: Salutatorian, VP of National Honors Society, 50+ hours of volunteer work

EXPERIENCE

CS61a, Berkeley — *Academic Intern*

JAN 2019 - PRESENT

- Current lab assistant for CS61a, the introductory CS course
- Furthers student's knowledge of topics such as higher-order functions, environments, and recursion.

CS Kickstart, Berkeley — *Curriculum Committee*

AUG 2018 - PRESENT

- CS Kickstart is a one-week program in August before the semester begins where freshman girls are invited to come to the school and learn introductory computer science.
- Assist in developing a "final project" for the next cohort of girls, that will be generally used for the future.

SWE High School Engineering Program, Berkeley — *Mentor/Instructor*

JAN 2019 - PRESENT

- Mentor female identifying high school students in engineering field such as bioengineering, civil engineering, and computer science
- Created a small scale bioengineering project for the girls to complete

SKILLS

Python

Java

Autodesk Fusion360 (working knowledge)

Microsoft Office Suite

Photoshop/InDesign experience

AWARDS

HackingHumanHealth (bioengineering hackathon): Greatest Impact Award

PROJECTS

"Min*esweeper*" – working game built in java in which a user collects mines in a generated world (with additional UI in Spanish)

"Scheme Interpreter" – working interpreter of lisp dialect scheme in python

"Ligand Water Filter" – designed water filter for personal and industrial use intended to filter lead contaminants in water

LANGUAGES

English