Rachel Xiao

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EDUCATION

University of California, Berkeley | College of Engineering   **May 2026**
B.S. in Electrical Engineering and Computer Sciences   *GPA: 3.96*
Relevant Coursework: Data Structures and Algorithms, Structure and Interpretation of Computer Programs

WORK EXPERIENCE & FELLOWSHIPS

MullenLowe Group   **June 2023 - August 2023**
Information Technology Intern   *New York, NY*
- Used Java and SQL to pull data from Vantage through APIs, write them into databases, and display data on Logi Analytics web apps that organize reports for users to identify rates and budgets of advertising services for clients
- Managed a ticketing system for a team of 10 to progress the phases of Scrum for developing technical changes
- Wrote testing documentation for HR APIs and requirements documentation for a standardized request form

Academic Atlas   **June 2023 - August 2023**
Software Engineer Intern   *Remote*
- Scraped data from web pages to create CSV files that organized information of 500+ pre-collegiate programs
- Segmented 400,000 emails with Python to facilitate communication of education programs to interested parties

Major League Hacking   **February 2023 - April 2023**
Site Reliability Engineering Fellow   *Remote*
- Built a portfolio using Flask/Jinja and automated testing and deployment workflows with bash scripting and CI/CD
- Completed a curriculum-based learning covering site reliability infrastructure and production engineering

UC Berkeley Electrical Engineering & Computer Sciences   **January 2023 - April 2023**
CS 61A Academic Intern   *Berkeley, CA*
- Assisted 40 students during weekly Python lab sections and presented mini-lectures on recursion, OOP, SQL, etc.

Stuyvesant Google Mentorship Program   **March 2022 - June 2022**
Project Developer   *New York, NY*
- Worked with a SWE at Google to develop a program that identifies bad posture using data from users' webcams
- Used TensorFlow Posenet Model, TensorFlow Hub, OpenCV, and cosine similarity to compare ideal/bad postures

LEADERSHIP EXPERIENCE & ACTIVITIES

Computer Science Mentors   **February 2023 - Present**
Junior Mentor   *Berkeley, CA*
- Facilitated weekly problem set sessions and office hours about introductory Python course material for 20 students

Berkeley Institute of Electrical and Electronics Engineers   **October 2022 - December 2022**
Project Developer   *Berkeley, CA*
- Used Express, MongoDB, and Postman to create and test a web application based forum for Berkeley students

Stuyvesant Girls Who Code   **September 2019 - June 2022**
President   *New York, NY*
- Managed a leadership board of 17 people and taught 50+ young women about web development, Python, and cybersecurity by creating lessons, developing a curriculum, facilitating project work, and organizing careers panels

PROJECTS

Journalify
- Built a web app at Cal Hacks hackathon and trained a Co:here NLP model to determine emotions of entries

Personal Library
- Used APIs, SQL, Flask, and Bootstrap in a web app that can search for details and store data about books/movies

Space Invaders
- Used skills in Java and object-oriented programming to rebuild the game Space Invaders with a GUI in Processing

SKILLS & LANGUAGES

Programming Languages: Python, Java, SQL, HTML/CSS
Technologies: Flask, Jinja, AWS, Git, VSCode, IntelliJ, Azure, Eclipse,