

# ALYSSA CHENG

## EDUCATION

### University of California, Berkeley

Intended Computer Science + Cognitive Science major, Data Science minor  
2023 - 2027

**Relevant Coursework:** Algorithms, Data Structures, iOS App Development

### College of the Canyons

High School Dual Enrollment  
2020 - 2023

**Relevant Coursework:** Java, C, Javascript, Web Development, CAD

### Academy of the Canyons

High School  
2020 - 2023

**Notable Achievements:** Commended National Merit Scholar, President's Volunteer Service Award

## RELEVANT SKILLS

**Coding:** Python, Java, SQL, HTML/CSS

**Software:** VS Code, IntelliJ, Xcode, Excel, Autodesk Maya, Figma, Canva, Square

**Languages:** English (fluent), Mandarin (fluent), Spanish (limited working proficiency), Swedish (elementary)

**Certifications:** Accenture Data Analytics and Visualization, Codecademy Python

## CURRENT PROJECTS

**Projects:** Using seaborn and Matplotlib to comprehensively visualize data to elucidate the correlation between GDP and life expectancy

**Courses/Certifications:** AWS Certified Data Analytics Accenture Advanced Software Engineering, Codecademy Data Scientist – Machine Learning

## CONTACT

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📍 Berkeley, CA

I am a UC Berkeley freshman intending to double major in Computer Science and Cognitive Science, along with a minor in Data Science. My interests center around artificial intelligence and machine learning, specifically in predictive modeling and natural language processing. My goal is to harness these skills to develop data-driven solutions addressing global challenges in crucial fields like sustainability, healthcare, and education.

## PROFESSIONAL EXPERIENCE

### Frontend Developer

Citi Property Services, Inc

Feb 2024 - current

- Redesigned a website for a property management company, ensuring a user-friendly interface and optimal viewing experience across devices
- Utilized HTML5, CSS3, and Javascript to build modern and responsive web pages along with dynamic and interactive features
- Implemented PHP for server-side scripting
- Elevated online brand presence through strategic design elements, emphasizing Citi Property Services' expertise in property management, market rents, and resident retention
- Improved online visibility by incorporating SEO best practices

### Web and Graphics Designer

Ooh La La Panini

Oct 2022 - June 2023

- Developed a professional interactive restaurant website with an intuitive ordering interface
- Utilized Figma for wireframing and Square for restaurant integration
- Designed impactful ad campaigns to showcase their culinary offerings
- Created digital menu board files for efficient printing
- Crafted a comprehensive branding kit for visual consistency
- Applied UI/UX design principles for an engaging user experience

### Research Intern

University of California, Irvine

Oct 2022 - June 2023

- Engaged with distinguished researchers and fellow students to grasp the fundamentals of research
- Researched with a team the correlations between exercise and stress
- Presented a research proposal and findings at the annual SREI symposium
- Gained valuable insights into the scientific process and honed research skills

## PROJECTS

### Foody Moody

Co-founder, Developer

Oct 2022

- Co-lead the development of a web-based application using React, enabling users to explore SCV's small business restaurants based on mood preferences
- Utilized the Yelp API and Postman for data cleansing and management, ensuring accurate and relevant information for users
- Conducted comprehensive research on the relationship between different food types and mood
- Submitted the project to the prestigious Congressional App Challenge, known as the nation's foremost computer science competition

### Bark + Mocha Co.

Founder, Designer

Nov 2020 - current

- Founded and scaled a successful small business specializing in customized pet products, achieving nearly \$80,000 in revenue
- Expanded global outreach to 2,300+ cities across 32 countries and 6 continents
- Implemented philanthropic efforts, donating a portion of proceeds to animal organizations in need
- Currently exploring the development of a sales-optimized website to enhance growth and data utilization