

Anthony Cu

San Jose, CA 95138 | (925) 854-8627 | anthonycu@ucsb.edu | linkedin.com/in/anthonycu

EDUCATION

University of California, Santa Barbara

SEPTEMBER 2021 - JUNE 2025

B.S., Major: **Mathematics and Statistics & Data Science**, Minor: **Science and Mathematics Education**.

Cumulative GPA 3.96. Dean's Honors (L&S): all quarters.

College of Letters & Science Honors Program. Honors Mentor.

RELEVANT COURSEWORK

- Principles of Data Science with R
- Linear Algebra
- Probability & Statistics
- Vector Calculus with Applications
- Differential Equations
- Theory of Complex Variables
- Methods of Analysis
- Problem Solving with Computers
- Introduction to Topology

SKILLS

- R, *ggplot2*, *Plotly*
- SQL
- C#, C++
- Java
- Probability Theory
- Calculus
- Data Analysis
- Data Visualization
- Discrete Mathematics

WORK EXPERIENCE

Department of Statistics and Applied Probability, UC Santa Barbara

SEPTEMBER 2022 - PRESENT

Undergraduate Learning Assistant

- Lead biweekly lab sections and office hours to tutor students in principles of data science, consisting of R programming language, SQL, and statistics.
- Facilitate class lectures and online discussion forums to answer student questions.
- Collaborate with faculty to discuss methods of enhancement in student learning and engagement.

Lean On Me National

JUNE 2022 - AUGUST 2022

Data Visualization Intern

- Created over 100 visualizations, including bar graphs, time series, donut charts, and box-and-whisker plots, using R, specifically with the *ggplot2* and *plotly* libraries, to display on Lean On Me's national and 12 chapter websites.
- Organized and analyzed 6 years of existing temporal, binary, qualitative, and quantitative data, regarding information such as user ratings, stress levels, and conversation topics.
- Drew conclusions and relationships effectively showing the anonymous texting service's mental health impact.

Disabled Students Program, UC Santa Barbara

MARCH 2022 - PRESENT

Notetaker

- Regularly record and process handwritten or typed lecture notes for students registered in the program. Maintain a clear level of communication to share course updates.

VOLUNTEER WORK

Lean On Me, UC Santa Barbara

Finance Coordinator (2022-23 Executive Board)

MAY 2022 - PRESENT

- Network and present to relevant organizations, raising over \$2000 of funding for the UCSB chapter.
- Maintain chapter's annual budget plan, managing national fees and payments for school events/socials.
- Lead biweekly club meetings. Interview and train new supporters.

Supporter

FEBRUARY 2022 - PRESENT

- Communicate with college students and other community members through an anonymous, peer-to-peer texting hotline. Attentively listen, practice awareness, and reflect to best provide emotional support for every user.

Mentor Collective, UC Santa Barbara

AUGUST 2022 - MARCH 2023

Mentor

- Provide mentorship to two incoming first-year students, offering guidance on campus, advice on classes, and accessible resources to utilize.

SciTrek Elementary, UC Santa Barbara

OCTOBER 2021 - MARCH 2022

Volunteer

- Guided elementary school students, in groups of 6, to explain, design, and assign individual tasks for class science experiments.