

Ananya Saxena

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EDUCATION

University of California, San Diego

La Jolla, California

B.S. in Mathematics-Computer Science

B.A. in Economics (Double major)

Expected Graduation, June 2026

GPA: 3.75/4.00, *Provost Honors*

Related Coursework: Data Structures & Algorithms, Object-oriented programming, Linear Algebra, Statistics, Optimization, Probability, Logic & Applications

Campus involvement: Triton Quantitative Trading, Women in Computing, Society of Undergraduate Math Students, Association for Computing Machinery

EXPERIENCE

Department of Economics, UC San Diego

San Diego, California

Research Assistant – Data Analysis

October 2024 – Present

Assisted PhD student Ruby Mittal under the Economics Research advisor Prashant Bhardwaj, the research on themed “Promotion Processes in Developing Countries” and “Schooling Markets in Ethiopia”

Worked on collecting and analyzing data about 250+ World Bank Project Team Leads

Cleaning and analyzing employer-employee match dataset from Brazil and U.S. Department of Education on teachers and principals

Student Life Business Office, UC San Diego

San Diego, California

Financial Analysis Assistant

September 2024 – Present

Creating and approving funding requests, preparing Purchase Orders, Reimbursements and record keeping for all the financial activities for 650+ student organizations at UCSD

Assisting UCSD’s finance team in creating, tracking and budgeting the monthly expenditures on various concerts/events held at UCSD

KopyKitab, Digibook Technologies

Bengaluru, India

Data Science Intern

July 2024 – September 2024

Work on mining the student behavior data from the website and app KopyKitab

Analyzing and optimizing using the data and correlate with usual patterns

Analyzed business and financial data to determine the future direction of investments

Helped identify the opportunities to improve the current products

Headstarter AI

San Francisco, California

Software Engineering Fellowship

July 2024 – August 2024

Created 5 innovative AI application and participated in weekly hackathons

Expand and refine my portfolio

Collaborate with engineers working in various companies

6Degrees Pvt Ltd.

Indore, India

Software Engineering Intern

February 2022 – June 2022

Worked on the mobile application for Hettich

Developed an interactive interface for the application using JavaScript, HTML and HTTPS

Inline Medicare

Bhopal, India

Research and Development Intern

February 2022 – June 2022

Worked on engineering an automated electrical Labor Table that can be manually operated as well

Main focus was to make the Labor Table easy to operate, with less physical labor applied when operating manually

Directorate of Health Services, Government of Madhya Pradesh

Bhopal, India

Volunteer Intern

April 2024 – November 2020

Worked with the government as a volunteer during COVID to plan and conduct proper installation of ICU Beds and other hospital-related equipment in areas where it was required based on the need.

ACTIVITIES AND LEADERSHIP

Triton Quantitative Trading Club, UC San Diego

La Jolla, California

Math Content Developer + Executive Board Member

May 2024 – Present

Conduct workshops on LeetCode, Data Analysis, Statistical reasoning, Strategy Development and other related topics to quantitative trading

Write blogs on questions and topics asked in interviews for Quantitative Analyst positions

Help the UCSD team for participating in various quantitative trading competitions

Seventh College, UC San Diego

La Jolla, California

Orientation Leader

April 2024 – Present

Lead a group of 20-25 students

Assist new incoming student and help being an intermediate between college and/or university authorities and students
Serve as student panelist for First year and Transfer student webinars

SKILLS

Programming: Java, Python, JavaScript, HTML, MATLAB, SQL, CSS, Git, Kotlin, C

Certifications: Learning Python for Data Science by UIUC, Learning Data Analytics by LinkedIn Learning, Finance & Quantitative Modeling for Analysts by UPenn, Options 101 by Akuna Capital

Languages: English (Fluent), Hindi (Native), Sanskrit (Fluent), Urdu (Fluent), French (Work-proficiency), Korean (beginner)