

Raunak Sood

Los Altos, CA • raunak.sood@gmail.com • (650) 996-2932 • [linkedin.com/in/raunak-sood](https://www.linkedin.com/in/raunak-sood) • github.com/quantraunak

Education

UNIVERSITY OF SOUTHERN CALIFORNIA
Master of Science in Computer Science

Los Angeles, California
Expected: May 2027

- **GPA:** 3.85
- **Relevant Coursework:** Analysis of Algorithms, Applied Natural Language Processing, Database Systems, Deep Learning, Operating Systems
- **Projects:** Long/Short Equity Strategy (multi-factor model), Melange (creative collaboration app), Tree-of-Thought Resampling (LLM reasoning)

SANTA CLARA UNIVERSITY
Bachelor of Science in Economics

Santa Clara, California
June 2024

- **GPA:** 3.9 (Upper-Division), Dean's List 2022-2024
- **Relevant Coursework:** Machine Learning, Time Series, Algorithms, Data Structures, Linear Algebra, Dynamic Macroeconomics

Experience

INNOVIUS CAPITAL
Machine Learning Intern

San Francisco, California
May 2026 - Present

- Led sourcing, data-room analysis, and technical diligence across developer tools and software infrastructure verticals
- Built a CatBoost + LLM-as-a-judge scoring model, improving accuracy of deals advancing from ~30% to ~80%
- Re-built Athena, an AI platform used by investors and portfolio companies to automate sourcing and analyzing accounts

QIAGEN
Machine Learning Intern

Redwood City, California
June 2025 - Aug 2025

- Built an embedding-based reasoning system (GraphRAG) to explain disease target pathways to scientists
- Fine-tuned and deployed an LLM system to surface gene-variant information, reducing research time by 70%

QIAGEN
Data Science & Global Treasury Intern

Dusseldorf, Germany
July 2024 - Sept 2024

- Built a Langchain RAG chatbot to automate financial dashboard access, reducing internal query time by 50%
- Conducted FX analysis on \$10M+ transactions, monitoring currency risk and making trades on Bloomberg

YORK UNIVERSITY
Data Science Intern

Toronto, Canada
Sept 2023 - Dec 2023

- Applied topic modeling on earnings calls to explore incumbent investment firms attention to financial technology
- Performed regression analysis to find what factors drive discussion and adoption of technology within these firms

PRECANTO
Data Science and Product Intern

Los Gatos, California
July 2023 - Dec 2023

- Built and evaluated time series models for headcount forecasting (hiring/attrition) across several companies
- Automated validation of the predictive payroll tax engine, increasing overall validation efficiency by 90%

GREENFIELD RESEARCH PARTNERS
Private Equity Research Associate

Palo Alto, California
Feb 2023 - May 2023

- Sourced 100+ acquisition targets in the real estate sector, identifying 5 potential deals worth \$50M+
- Assisted in LBO modeling and comps analysis for exit multiple estimation

Leadership and Activities

USTA
Tennis Player

Los Altos, California
Jan 2010 - March 2021

- Ranked top 6 in Northern California and member of Santa Clara University's Division I Men's Tennis Team

Skills and Interests

Technical: Python, R, Excel, SQL, C++, Java, Docker, LATEX, Bloomberg, Jupyter, Tensorflow, Pytorch, LangChain, Git, AWS

Interests: Wildlife, Golf, Poker