

SHANI SHAHAM

Machine Learning | Data Science | Quantitative Analysis | Mathematical Modeling

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EDUCATION

UNIVERSITY OF CALIFORNIA, LOS ANGELES

Los Angeles, CA

Bachelor of Sciences Candidate, Applied Math

Expected June 2027

- Unweighted GPA: 3.82
- Relevant Coursework: Calculus Series, Differential Equations, Linear Algebra, Discrete Structures, Probability, Statistics, Machine Learning
- Past Machine Learning Projects: Regression Models for Real Estate Valuation, Penguin Species Classification. [Github link](#)

SHALOM HARTMAN INSTITUTE

Jerusalem, Israel

Participant of the Hevruta Gap Year Program

Completed June 2023

- A pluralistic gap year program bridging together Israeli and American student leaders with a salient focus on community engagement, intercultural dialogue and academic rigor
- Completed research projects for Professor Irit Offer-Stark, a Senior Fellow at the Shalom Hartman Institute, regarding the intersections of Jewish law, bioethics, and public policy

EXPERIENCE

Stifel Financial Corp.

Los Angeles, CA

Public Finance Intern

June 2023 – Sept 2024

- Assisted full time analysts in the charter school/nonprofit and general government groups with investor and credit presentations, new client research, requests for proposals, and promotional film storyboards
- Collected and analyzed data on active transactions totaling over \$200M for clients including BART, and City of San Diego

Wellspring Teen Fellowship

Virtual

Counselor

Aug 2024 – Present

- Plan and conduct weekly group meetings for a cohort of 15-20 high school aged students to foster cognitive and affective engagement on topics relating to Jewish peoplehood
- Serve as a teaching assistant for senior faculty in one elective class each trimester

Private Tutor

Los Angeles, CA

Self Employed

June 2023 – Present

- Provide one on one tutoring to 5 high school students in various levels of mathematics from Algebra to Calculus
- Tailor lesson plans and teaching method to accommodate diverse learning needs, including specialized strategies for students with learning disabilities

EXTRACURRICULAR ACTIVITIES

TAMID UCLA, *Director of Internal Affairs*

Oct 2023 - Present

- Strengthen regular club attendance by 100% and foster community atmosphere through socials and bonding events, now supporting 64 members
- Collect and organize research on consulting and investment projects; deliver final presentations to club at large with possibility for selection to a national stock pitch competition

UCLA Association of Women in Math Chapter, *Founder*

Oct 2023 - Present

- Lead student initiative alongside postdocs and PhD students to launch an AWM chapter at UCLA, with the goal of creating a community of 100+ undergraduate women studying mathematics
- Meet biquarterly to receive advice and pose questions to UCLA postdocs on pursuing a math related career

USAC Financial Supports Commission, *Director of Westwood Partnerships*

Oct 2023 - Present

- Build on previous relationships with Westwood businesses and expanded partnerships to create discounts for UCLA students; work alongside other FSC directors to publicize discounts to the student body
- Assist with other FSC projects such as student club funding initiatives, campus affordability, and surplus transparency

A New Way of Life Reentry Legal Clinic, *Volunteer*

Aug 2020 - Present

- A New Way of Life is a nonprofit organization that provides free legal services to women post-incarceration
- Volunteer at monthly legal clinics; provide assistance with fee waiver forms, conviction history worksheets, and declarations for 20+ clients filing for expungement

ADDITIONAL

- **Coding Languages:** Python (sci-kit learn, pandas, numpy, matplotlib), R, C++
- **Outside of class:** real estate, art museums, hikes by the beach, rating public transportation systems in new cities, finding the cheapest smoothie joint in LA