

KYAN HSU

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EDUCATION

Santa Clara University

Expected Graduation: March 2028

B.S.C. in Accounting Information Systems — GPA: 3.88

- Activities: ACE Leadership Honors Program, SCU Quant, BUSN 70 TA, Chess Club, Asian Pacific Islander Student Union
- Relevant Courses: Database Management, Accounting, Systems Analysis and Design, Statistics, Venture Capital, Finance

EXPERIENCE

Quantitative Research Intern

June 2025 - Present

AmidaML LLC

Los Angeles, CA

- Developed a detailed strategies data room organizing trading approaches across various macroeconomic environments.
- Backtested strategies using historical market data to assess performance, identify inefficiencies, and refine signal generation.
- Performed industry and equity research to identify factors impacting strategy performance and aiding model selection.

Equity Research Analyst

November 2024 - Present

Santa Clara Investment Fund

Santa Clara, CA

- Conducted company screening and research: industry trend analysis, internal benchmarking, and valuation modeling.
- Led quarterly healthcare reports in a 6-figure AUM portfolio, allocating assets through industry and regulatory analysis.
- Pitched and secured capital allocation for 3 equity investments, emphasizing strong financials and growth potential.

Data Analyst Intern

May 2025 - Present

SCU Alumni Network

Santa Clara, CA

- Analyzed engagement metrics from Sprout Social, Switchboard, BBIS, and Clara to support alumni outreach strategies.
- Utilized Excel and analytical tools to clean, manipulate, and interpret data, tracking trends to inform program development.
- Collaborated with 10+ Alumni Directors to translate data insights into recommendations, creating compelling deliverables.

PROFESSIONAL DEVELOPMENT PROJECTS

Monte Carlo Simulation

June 2025 - July 2025

- Coded a Streamlit application to price American options using Binomial Tree, Finite Difference, and Heston models.
- Integrated Monte Carlo simulations to visually represent stochastic asset price paths and demonstrate model behavior.
- Designed dynamic UI components (sliders, tables, graphs) for user input and side-by-side comparison of pricing methods.

Distribution Data Visualization/ Credit Score Prediction

April 2025 - May 2025

- Developed a Python machine learning pipeline to predict credit scores from user financial and demographic data.
- Implemented interactive visualizations to show data distributions and credit score comparisons, delivering insights to users.
- Enhanced adaptability by extending the framework to analyze Kalshi contracts, enabling broader financial applications.

Stock Analysis Dashboard

September 2024 - December 2024

- Coded a comprehensive program for future stock price analysis and machine learning algorithms for anomaly detection.
- Aided in personal investments leading to 46% return rate over a year using linear regression and Simple Moving Average.

LEADERSHIP

Executive Board

March 2025 - Present

Santa Clara Investment Club

Santa Clara, CA

- Published a public investment research letter, providing market insights to educate readers and enhance the club's visibility.
- Organized and hosted events, fostering student engagement and expanding the club's network through strategic partnerships.

Leavey Ambassador

February 2025 - Present

Leavey School of Business

Santa Clara, CA

- Represented the Leavey School of Business to 1,500+ prospective and incoming students and families each year.

SKILLS & INTERESTS

Technical: Data Analytics, Valuation, Pandas, NumPy, Python, SQL, Excel, Accounting, Stock Pitch Development

Certifications: Google Data Analytics, Wharton Academy Fundamentals of Corporate Finance and Valuation

Interests: Hiking, Tennis, Pickleball, Guitar, Golf, Chess, Puzzle Games, Watching Forensic Documentaries, Trading