

Kaisen Krishnamurthy

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Education

University of Chicago

Expected Graduation: June 2029

Chicago, IL

BS in Computational and Applied Mathematics and BA in Economics (Standard Track)

GPA: 3.9/4.0

- **Relevant Coursework:** Honors Calculus IBL (A), Mechanics, Philosophical Perspectives

Khan Lab High School

Aug. 2022 - June 2025

Mountain View, CA

- **Senior year Capstone Project: A Study on the Political Nature of Conversational LLMs Using Item Response Theory** Jun. 2024 - June 2025
 - Designed statistical model to evaluate the political nature of mainstream LLMs, uncovering a prevalent left-leaning bias
 - Used this statistical model to evaluate the significance of LLM ‘sycophancy’: the idea that LLMs adjust their responses to match user preferences
 - [Academic paper](#)
- **Junior year Cornerstone Project: Soccer Analytical Model** Jan. 2024 - May. 2024
 - Designed statistical model using Python code and regression ranking every soccer player in the Spanish professional league (La Liga)
 - Link to [research](#) paper detailing the process and key findings
- **Relevant Coursework:** AP Stats (5), AP Calc BC (5), Microeconomics (A), Macroeconomics (A)

Work Experience

Stanford Research Assistant

June 2024 - June 2025

Stanford, CA

- Studied the political nature of LLMs with Andrew B. Hall, Professor of Political Economy at Stanford University
- Highlighted papers to examine, provided research summaries, and undertook project to examine political bias in LLMs, which became senior year capstone
- Presented work at the Designing Trustworthy AI in a Polarized World at the Hoover Institution: [Poster](#)

Startup - Lumanux

July 2024 - October 2024

- Co-launched an online store focused on selling electronics; Used TikTok Shop and designed website as selling platforms; \$12K+ in sales in the last 3 months

Social Media Designer

Jan. 2024 - Mar. 2024

Stanford, CA

- Designed, edited, brainstormed, and Instagram posts for congressional candidate Joby Bernstein who ran for Congress in California’s 16th district

Projects

Hidden Beliefs Trading Strategy

Aug. 2025 - Present

- Worked on replicating Daniel Graves’ ([Harvard](#)) [What Lies Beneath Zero](#) to produce an algorithmic trading strategy
- Used an instrument to combat the endogeneity of price and sequential censored quantile regression to estimate institutional demand parameters

Extra-Curricular Activities

YouTube Content Creator

May. 2021 - June 2024

- Created documentaries covering topics in professional soccer and basketball - published to YouTube
- Received over one million video views with multiple videos amassing over 100K video views

Khan Lab High School Business & Marketing manager

June 2024 - June 2025

Mountain View, CA

- Elected to Khan Lab School student council; served as Business & Marketing manager for 24/25 academic year

Skills

Research, Python, R, Statistics, Data Science, Mathematics, Film, Social Media, Business, Leadership