

CHRISTINA XU

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EDUCATION

Yale University

Aug. 2024 – May 2028

B.S. Computer Science, B.A. Economics & Mathematics

New Haven, CT

- **Relevant Coursework:** Probability Theory, Algorithms, Systems Programming, Game Theory, Data Structures, Discrete Mathematics, Econometrics, Object Oriented Programming, Machine Learning.
- **Honors:** Susquehanna Quantitative Trading Discovery, HRT Explore, Flow Traders Ascent, AQR Discovery.

EXPERIENCE

McKinsey & Company

Summer 2026

Sophomore Summer Business Analyst

New York, NY

- Led a full-day conference with the CEO, presenting my 49-slide executive deck on an AI personal trainer app.
- Owned end-to-end A/B testing, selecting the top variant and raising onboarding completion from 39% to 56%.
- Directed QA on 1,800+ AI-generated workout videos, improving issue-flagging accuracy 11x.

Citadel Securities

Jan. 2026

Quantitative Trading Ignite Wintern

New York, NY

- Selected as 1 of 30 out of 500+ applicants; applied probability and game theory in market-making games.
- Optimized PnL in trading simulation by updating fair value from sampled distributions and hedging trades.
- Shadowed traders to observe real-time market making and risk management; learned firm strategy in CPO panel.

Virtu Financial

Jan. 2026

Quantitative Trading Wintern

New York, NY

- Built trading strategies using historical data, applying regression techniques and risk penalties to optimize PnL.
- Learned market structure and market-making through simulations, engaged with CFO, and toured NYSE.

Yale Law School

Aug. 2025 – Dec. 2025

Tobin Research Assistant

New Haven, CT

- Conducted research under Interim Dean Yair Listokin on how FOMC structure influences monetary policy.
- Built and analyzed historical datasets on TIPS issuance and census population thresholds.

Jane Street

June 2025 – Aug. 2025

Computer Science Teaching Assistant and Resident Advisor

New York, NY

- Taught and mentored 15 students in a 5-week program on algorithms, data structures, and OOP.
- Held daily office hours supporting 10 programming assignments, boosting test case pass rates from 60% to 90%.

Jane Street

June 2024 – Aug. 2024

Academy of Math and Programming Fellow

New York, NY

- Selected as 1 of 78 from 5,000+ applicants for intensive training in algorithms, probability, and game theory, taught by IMO winners and coaches.
- Built 3 AI agents for math-based games like Wordle and CamelUp, outperforming bots by 60% in simulations.

PROJECTS

Trading Bot | Jane Street Electronic Trading Challenge (ETC)

Python, SQL, Ubuntu

- Placed top 5; engineered market-making and arbitrage bots processing 10,000+ trades using Pandas/SQL.
- Improved order-book latency by 80% and deployed 3 profitable strategies, generating 15% ROI in 2 hours.

ACTIVITIES

Yale Undergraduate Consulting Group | Project Manager

New Haven, CT | Aug. 2024 – Present

- Yale's premier undergraduate consulting group (c. <7%) working with Fortune 500 companies and non-profits.
- Led research and client presentations for PepsiCo and Intel, synthesizing large-scale consumer data and delivering a 40-slide strategic analysis across 8 LATAM markets to executives.

Yale Computer Society | Software Engineer

New Haven, CT | Jan. 2025 – Present

- Launched application connecting 7,000+ undergraduates with 1,700+ professors through a research lab directory.
- Refactored API integration with Yale's internal directory to enable standardized display of 1,400+ lab listings.

TECHNICAL SKILLS

Java, Python, Stata, C, SQL, R, JavaScript, Swift, HTML, CSS, React, Git, Figma, Ubuntu, Pandas, NumPy, Excel

HONORS & AWARDS

U.S. Presidential Scholar (161 selected nationally)

2024

National Winner: National Center for Women & IT (Top 40/3,300+)

2024