

LUCAS HSU

QUANTITATIVE TRADING

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EOR graduation: Jul 2028 | **Full-time availability:** Aug 2028

EDUCATION

Erasmus University Rotterdam, Erasmus School of Economics - BSc Econometrics & Operations Research Sep 2025 - Jul 2028

- Accelerated first-year track with second-year coursework in Markov Processes and Stochastic Simulation; relevant coursework includes probability, statistics, econometrics and linear optimization.

Delft University of Technology - BSc Computer Science & Engineering (concurrent) Starting Sep 2026

- Ranked 11th among approximately 2,000 candidates in the entrance selection.

Amstelveen College - VWO, Science & Technology Sep 2019 - May 2025

- Received the Exact Sciences PWS Award for the highest-ranked research project in the graduating class.

TRADING & COMPETITIVE ACHIEVEMENTS

Fullhouse Pokerbot Hackathon - International Championship Jun 2026

- Placed 5th after qualifying from a global field of 500+ participants.
- Built a 6-max no-limit hold'em agent and reproducible experimentation pipeline; evaluated 100+ strategy variants across 10M+ simulated hands and 30+ opponent models.
- Used paired shared-seed simulations, plausible six-player opponent fields, conservative selection thresholds and independent validation to distinguish robust gains from poker variance and selection bias.

IMC Prosperity 4 - Global Trading Competition May 2026

- Ranked 242nd of 18,803 teams (top 1.3% globally) and 10th in the Netherlands.
- Developed and tested market-making, order-book microstructure, time-series and game-theoretic strategies under time constraints.

QUANTITATIVE EXPERIENCE & RESEARCH

Deeper Apps LLC - Member of Technical Staff (Research) May 2026 - Present

- Developing methods to compare public weather forecasts with temperature prediction-market prices; project currently in early research and data-design stages.

National Informatics Competition - Astronomy Data Project Apr 2025

- Placed 2nd nationwide among Dutch secondary-school computer-science research projects.
- Queried Gaia DR3 with ADQL and applied Python-based statistical analysis to study the Milky Way's vertical stellar distribution under PhD mentorship.

SKILLS & ADDITIONAL

Programming: Python, Java, R, Git; basic object-oriented programming

Quantitative: Probability, Monte Carlo simulation, backtesting, optimization, market making, order-book microstructure, hypothesis testing

Languages: Dutch, English, Mandarin

Additional: Taekwondo black belt; two-time CDK Championship medalist (2024)