WEI WANG (LEO)

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EDUCATION

University of California, Los Angeles (UCLA) — Los Angeles, CA
B.A. Candidate, Applied Mathematics — Expected June 2029
Cumulative GPA: 3.918
Coursework: Calculus II, Vector Calculus, Multivariable Calculus, Linear Algebra, Differential Equations

Yew Chung International School Shanghai — Shanghai, China
High School Diploma; Class Rank: 1/34; SAT: 1540 — Graduated 2025
Honors: AIME Qualifier; AMC 10A Honor Roll; Euclid Distinction (85/100); British Physics Olympiad Silver.

TECHNICAL SKILLS

Programming & Data: Python, C++, NumPy, Pandas, PyTorch, scikit-learn, Matplotlib, MATLAB, HDF5, CVXOPT
Quantitative Methods: OLS, MLP, LSTM, RNN, GRU, signal research, portfolio optimization, backtesting
Languages: Native Mandarin and English

QUANTITATIVE & PROFESSIONAL EXPERIENCE

Jinge Asset Management — Shanghai, China
Quantitative Research Intern — July 2026 - September 2026
- Engineered 85 price- and return-derived signals across 5,000+ A-share equities; developed expanding-window OLS, MLP, LSTM, RNN and GRU models with purged temporal splits, training-only preprocessing and daily cross-sectional IC evaluation.
- Implemented a CVXOPT long-only portfolio optimizer and next-day VWAP backtester with Barra exposures, liquidity constraints, turnover limits, cash reserves and transaction costs; completed annual OLS and LSTM simulations for 2018-2023.
- Built a public-disclosure pipeline covering 1,200+ Chinese ETFs and 6,800+ reporting periods; verified 177 named state-team holdings and produced traceable datasets and a six-page Chinese research report.

DataTalks Consulting — Los Angeles, CA
Consultant — October 2025 - Present
- **APCH (in progress):** Clean and analyze 2,100+ member records in Python and Excel; develop retention insights, shared analysis workbooks and client recommendations, with scholarship-outcome analysis planned.
- **LEAP:** Analyzed program data and surveys; presented findings and recommendations to support program improvement.

Athlete Vertical Jump Height Research Implementation — Shanghai, China
Researcher — June 2024 - January 2025
- Authored a study of factors affecting vertical jump height and implemented targeted training with the school volleyball team, increasing average jump height by 3 inches and personal jump height by 6 inches.

Cloud-Based Mixed Reality Solutions, NYU Summer Program — Shanghai, China
Researcher — July 2023
- Developed real-time human-motion tracking with Prof. Jean-Claude Franchitti, integrating Python and C++ with server infrastructure; earned an A+ project grade.

Michael Page International — Shanghai, China
Recruitment Assistant Intern — June 2023
- Helped place three senior semiconductor executives by assessing candidates and coordinating interviews and documentation.

SELECTED PROJECTS, RESEARCH & LEADERSHIP

Stock Forecasting & Paper-Trading Platform (In Progress) — October 2026 - Present
- **Research ownership:** Own strategy research in a three-person team; built an equal-weight allocator and versioned portfolio targets for the initial SPY/IEF/GLD baseline, with explicit decision and execution timing.
- **Forecasting & evaluation:** Developing 15-minute stock features and return forecasts with chronological splits and training-only preprocessing; planned Ridge and baseline comparisons cover forecast error, net returns, drawdown, turnover and costs.
- **Strategy integration:** Designing saved-model inference, cost-aware target weights and long-only exposure limits; planned research deliverables include reproducible configurations, a callable strategy interface and an evaluation report.
- **Final deliverable (planned):** A server-hosted platform linking market data, scheduled forecasts and automated paper orders to an account dashboard showing cash, holdings, realized/unrealized P&L, equity curves and order history.

Cryptocurrency Networks Study — August 2023
Published a 3,500-word paper on blockchain, proof-of-work and socioeconomic implications with Dean & Francis Press.

The Orange Project - Founder — November 2023 - Present
Founded a farm-to-market initiative connecting Sichuan farmers with Shanghai consumers; generated RMB 30K+ in revenue and reinvested profits in rural communities.

Varsity Volleyball Team - Captain — September 2022 - January 2025
Led 12+ athletes to first place at the 2024 ACAMIS Tournament after advancing from Division II to third place in Division I.