

EDUCATION	University of Illinois Urbana-Champaign <i>B.S. in Quantitative Economics & Econometrics</i> • GPA: 3.97 / 4.00 James Scholar Honors; Dean's List • Coursework: Econometrics I-II, Probability Theory, Mathematical Statistics, Time Series Analysis, Optimization, Algorithms	Champaign, IL 2024 – 2026
EXPERIENCE	Founder & Quantitative Developer, Sprout Network Solution Hong Kong SAR 2023 – Present • Designed and operated low-latency network infrastructure supporting data-intensive and trading-oriented clients. • Optimized routing, redundancy, and monitoring for real-time systems; maintained 99.9% uptime. • Implemented performance logging, capacity planning, and risk controls across distributed services. Quantitative Analytics Intern, Tencent Shenzhen, China • Analyzed large-scale behavioral and bidding datasets (5M+ observations) using Python and SQL. • Built regression models and statistical summaries to evaluate engagement and pricing efficiency. • Designed and evaluated A/B experiments; translated results into actionable optimization insights.	2023.05 – 2023.08
PROJECTS	Quant Trading Bot: Systematic multi-asset trading framework <i>Personal</i> • Developed Python-based trading system for crypto and U.S. equities using exchange and broker APIs. • Implemented momentum, mean-reversion, and volatility-targeting strategies with position sizing and risk limits. • Built backtesting pipeline with transaction costs, slippage assumptions, and walk-forward evaluation. • Integrated Telegram Bot API for live monitoring, execution alerts, and portfolio-level PnL reporting. Campus Polling App: Real-time data collection platform <i>Personal</i> • Built Kotlin + Firebase application for real-time survey deployment and data ingestion. • Collected structured datasets from 200+ users; performed exploratory and summary statistical analysis.	2025 2024
SKILLS	Programming: Python, R, SQL, Kotlin, JavaScript Data: Pandas, NumPy, scikit-learn Quantitative: Econometrics, time-series analysis, regression, hypothesis testing, optimization Trading & Systems: Systematic strategies, backtesting, risk management, APIs, Linux, Git	
PUBLICATIONS	1. Henry Wong. Blockchain technology in smart cities and photovoltaic power generation. <i>Journal of Smart Cities</i> (2023).	