

# HENRY WONG

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EDUCATION	<b>University of Illinois Urbana–Champaign</b> <i>B.S. in Quantitative Economics &amp; Econometrics</i> <ul style="list-style-type: none"><li>• GPA: 3.97 / 4.00 James Scholar Honors; Dean's List</li><li>• Coursework: Econometrics I-II, Probability Theory, Mathematical Statistics, Time Series Analysis, Optimization, Algorithms</li></ul>	Champaign, IL 2024 – 2026
EXPERIENCE	<b>Founder &amp; Quantitative Developer, Sprout Network Solution</b>   Hong Kong SAR 2023 – Present <ul style="list-style-type: none"><li>• Designed and operated low-latency network infrastructure supporting data-intensive and trading-oriented clients.</li><li>• Optimized routing, redundancy, and monitoring for real-time systems; maintained 99.9% uptime.</li><li>• Implemented performance logging, capacity planning, and risk controls across distributed services.</li></ul>	2023
	<b>Quantitative Analytics Intern, Tencent</b>   Shenzhen, China 2023.05 – 2023.08 <ul style="list-style-type: none"><li>• Analyzed large-scale behavioral and bidding datasets (5M+ observations) using Python and SQL.</li><li>• Built regression models and statistical summaries to evaluate engagement and pricing efficiency.</li><li>• Designed and evaluated A/B experiments; translated results into actionable optimization insights.</li></ul>	2023.05 – 2023.08
PROJECTS	<b>Quant Trading Bot: Systematic multi-asset trading framework</b> <i>Personal</i> <ul style="list-style-type: none"><li>• Developed Python-based trading system for crypto and U.S. equities using exchange and broker APIs.</li><li>• Implemented momentum, mean-reversion, and volatility-targeting strategies with position sizing and risk limits.</li><li>• Built backtesting pipeline with transaction costs, slippage assumptions, and walk-forward evaluation.</li><li>• Integrated Telegram Bot API for live monitoring, execution alerts, and portfolio-level PnL reporting.</li></ul>	2025
	<b>Campus Polling App: Real-time data collection platform</b> <i>Personal</i> <ul style="list-style-type: none"><li>• Built Kotlin + Firebase application for real-time survey deployment and data ingestion.</li><li>• Collected structured datasets from 200+ users; performed exploratory and summary statistical analysis.</li></ul>	2024
SKILLS	<b>Programming:</b> Python, R, SQL, Kotlin, JavaScript <b>Data:</b> Pandas, NumPy, scikit-learn <b>Quantitative:</b> Econometrics, time-series analysis, regression, hypothesis testing, optimization <b>Trading &amp; Systems:</b> 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).	