YIHENG (Owen) HUANG
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LinkedIn Github Website

EDUCATION

New York University **New York, NY**
B.A. in Economics & Mathematics, Minor in Data Science *Expected Graduation: Spring 2027*
Cumulative GPA: 3.98/4.00 | **SAT:** 1520/1600 | **IGCSE:** 10A* 1A | **IB:** 40/45 | **TOEFL:** 116/120
Honors: Dean's List for Academic Year 2023-2025
Relevant Coursework: Theory of Probability, Mathematical Statistics, Microeconomic Analysis, Money and Banking, Math for Economics I-III (Calculus), Linear Algebra, Financial Accounting, Principles of Data Science I-II

PROFESSIONAL EXPERIENCE

Compass – Real Estate **New York, NY**
Data Analyst Intern *July 2025 – Aug 2025*
- Employed statistical and mathematical analysis to evaluate the rationale and impact of the Jamaica Neighborhood Plan, including descriptive statistics, regression, hypothesis testing, and variance-stabilization, to assess real estate property using Python by evaluating various economic factors and housing market data.
- Created data visualizations, including an interactive map, to illustrate the rezoning plan's impact and inform investment decision-making, and presented findings to the team.

Agricultural Bank of China Securities International Holdings Limited **Hong Kong SAR, China**
Research Intern *June 2024 – July 2024*
- Conducted financial analysis of companies in the beauty industry, including MAOGEPING and Proya, to evaluate industry trends and general consumer behaviors.
- Conducted research on the technological gap between the Chinese and International Semiconductor industries with a focus on the impact of US export restrictions on AI Chips, GPUs, CPUs, HBM, and market share shifts.
- Produced a briefing on newly issued high dividend yield ETFs and gathered policies aimed at improving the HK stock market.
- Created a trends analysis to show the Global Semiconductor Billings trend and its year-over-year growth.

PROJECTS & INVOLVEMENT

Personal Stock Portfolio Tracker using Python and yfinance
Coderaft – Education Startup ***Remote &* Shanghai, China**
Frontend and Backend Engineer Intern *June 2025 – Present*
- Collaborated with others to created data visualization using Git, Mantine, Tailwind CSS, React, and TypeScript for frontend web development of an AP website.
- Backend development using SQL and Python.

Independent Video Creator – Manim (Python)
Capstone Data Science Project
- Analyzed professor ratings on using U-Test, bootstrap, multiple regression, logistic regression, regularized regression, and PCA.

NYU Stern Economic Development Group **New York, NY**
Research Analyst *Fall 2023*
- Member of the Advancing Sustainable Transformation through Research and Development Consulting Team
- Conducted and presented research on the possible economic and environmental ramifications of transitioning to renewable energy in Kenya and the implementation framework

Wharton Youth Investment Competition **Shanghai, China**
Team Leader *Fall 2022*
- Analyzed industry trends, investment risk, and return using financial measurements such as ROE, Beta value, and P/E ratio measurements and near to long-term growth prospects of companies to advise a fictional client on portfolio management

RESEARCH

Group Research: Factors driving the current hyper-supply housing market **Ongoing**
Recycling Textile Circular Model in Africa **Spring 2022**
- Second author of paper on the value-creating ramifications of the recycling textile circular model in Africa Accepted by (ICEMGD)
Marshall Society Essay Competition **Summer 2022**
- Composed an essay about the impact of Russia-Ukraine war on global economy by analyzing he war's impacts on macroeconomic variables and global trading relationships by applying concepts such as cost-push inflation and the classical framework
UK Quantitative Easing Policy **Fall 2022**
- Composed an essay on how quantitative easing affected inflation in the UK by using multivariate regression analysis in programming language R to separate QE's impact on inflation from other variables and evaluated QE's transmission mechanisms.

INTERESTS & SKILLS

Skills & Interests: Python, Pandas, NumPy, SQL, Microsoft 365, Statistical analysis, Data Analysis, Modelling, Regression, scikit-learn, Matplotlib, Seaborn, CSS, React, JavaScript, Manim, Statistics, Data Analytics, Machine Learning, Git
Hobbies: Listening to financial podcasts like the Worldwide Exchange and earnings calls, Baseball, Saxophone, Music, Making Educational Videos.