

## YIHENG (Owen) HUANG

+1 (332) 276-1565 | [owen0795@gmail.com](mailto:owen0795@gmail.com) | Jersey City, NJ, 07302  
[LinkedIn](#) [Github](#) [Website](#)

### EDUCATION

#### New York University

*B.A. in Economics & Mathematics, Minor in Data Science*

**New York, NY**

*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.