

Quinn Pu

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Skills and Languages

Programming Languages: Python, Java, HTML, CSS, JavaScript, SQL

- 2+ years of experience in freelance web design, building and deploying unique websites for clients using HTML, CSS + CSS frameworks/Bootstrap, JavaScript, and SEO.

Human Languages: English (native), **Mandarin Chinese** (native), **Spanish** (basic)

Software: Adobe Suite, Microsoft Office, Power BI, Azure DevOps, Git

Professional Experience

NYC Mayor's Office of Management and Budget

June 2025 - August 2025

Data Analytics & Engineer Intern

- Developed and maintained 3 automated cloud pipelines to scrape, clean, and process real-time datasets for fiscal and operational analysis, and wrote detailed documentation for each.
- Applied statistical testing, modeling methods, dashboard visualization, and machine learning models on large datasets (2M+ entries) to inform decision-making across agencies.

Salon.com

December 2024 - May 2025

Reporting Fellow

- Reported for Salon's Money vertical, writing articles for Salon's 46+ million annual readers.

New York University

September 2024 - December 2024

Programming Tutor

- Tutored 20 hrs/week for Intro to Computer Programming, running online office hours.
- Individually guided ~120 students through core coding skills (i.e. control flow, functions, file I/O, web scraping, and object-oriented design) relevant to data analysis and automation.

Morning Brew

January 2024 - May 2024

Reporting Intern

- Wrote 2~3 articles a week for Healthcare Brew, Morning Brew's B4B healthcare vertical, reaching 110,000+ newsletter subscribers across the United States 3 times a week.
- Interviewed and found primary sources, from Pfizer VPs to White House officials to CEOs.

Practical Applications & Projects

NYC Congestion Pricing & Air Quality Relationship for NYC OMB

Scraped and cleaned public datasets using Python (pandas), running and visualizing analyses to see if congestion pricing significantly impacted NYC air quality (PM2.5 levels).

- Tools: *Difference-in-Differences regression, significance t-tests, Matplotlib, seaborn*

Rate My Professor Capstone Data Analysis for Principles of Data Science

Performed large-scale statistical analysis (90K+ entries) using null hypothesis significance testing and quantitative diagnostic tests to determine predictors of higher course evaluations.

- Tools: *AUROC, p-value tests, t-statistic tests, Pearson's r, R-squared, RMSE*

Education

New York University

May 2026

Data Science & Journalism, College of Arts and Science