

Garland Qiu

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EDUCATION

The City College of New York

New York, NY

Bachelor of Science in Computer Science, cum laude

EXPERIENCE

EXCEDE Real Estate

September 2023 - Present

Data Analytics Specialist

New York, NY

- Developed and implemented data-driven dashboards for real estate agent and client needs, enhancing marketing insights by aggregating and analyzing data in New York City rental apartments.
- Integrated multiple data sources (StreetEasy and proprietary property databases) into centralized, real-time dashboards using **Tableau**, **Power BI**, and **Python**, automating data transformation to deliver accurate metrics on key insights like amenities, neighborhood trends and prices, enhancing data accuracy and decision-making.
- Received positive client feedback on the dashboard's user-friendly design and actionable insights, increasing client insight accuracy by 50% and enabling a more targeted engagement strategy focused on high-demand areas and feature preferences.

EXCEDE Real Estate

September 2023 - Present

Showing Assistant Representative

New York, NY

- Conducted property showings for prospective buyers, providing them with detailed information about the features and benefits of each property.
- Communicated effectively with clients, addressing questions and concerns, and ensuring a positive experience during property viewings.
- Collaborated with real estate agent to gather feedback from clients during and after showings, allowing for adjustments and finalizing property deals.

NIA Community Services Network

September 2016 - February 2020

STEM Group Leader

New York, NY

- Instructed and assisted in teaching over 90 middle school students every day in STEM activities (Science, Technology, Engineering, Math) such as Scratch and Code.org.
- Recommended and implemented improvements to STEM activities, incorporating feedback from both students and teachers, which enhanced the quality and relevance of the curriculum.

PROJECTS

U.S. Tech Layoffs Data Visualization

- Built and published an accessible and interactive dashboard showing statistics on tech layoffs in the U.S. from the start of COVID-19 to March 2023 on Tableau Public.
- Identified key metrics, trends, and geographical patterns using a public Kaggle tech layoffs dataset to design statistical summaries and visualizations with **Tableau**.

NYC StreetEasy Rent Prediction

- Collaborated and developed an accurate rent price prediction model for NYC housing using 311 Service Requests, NYPD Complaints, and StreetEasy datasets, resulting in a median error of \$196 from actual rent prices.
- Employed data science methodologies and machine learning techniques, leveraging **Python**, **pandas**, **Matplotlib**, **NumPy**, and **scikit-learn libraries**, to preprocess, analyze, and model the data to develop an accurate predictive model.

TECHNICAL SKILLS

Languages: Python, SQL, C/C++, JavaScript, Java

Applications: Microsoft Office, Looker Studio, Microsoft Power BI, Tableau, Git, Visual Studio

Skills: Data Visualization, Data Analysis, Data Science Methodologies

Libraries: pandas, NumPy, Matplotlib