

# Garland Qiu

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## EDUCATION

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### The City College of New York

New York, NY

*Bachelor of Science in Computer Science, cum laude*

## EXPERIENCE

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### EXCEDE Real Estate

November 2023 - Present

*Data Analytics Specialist - NYC Rental Market*

*New York, NY*

- Led the development of a specialized dashboard collaborating closely with the real estate agent, focusing on key metrics relating to renters' preferences and demands in New York City apartments.
- Integrated data sources that include property features and data from StreetEasy, leveraging **Python** and **Power BI** to transform and visualize key metrics such as popular amenities, neighborhood preferences, and rental prices.
- Received positive feedback on the dashboard's effectiveness, resulting in a deeper understanding of renters' preferences and creating more demand around neighborhoods.

### 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

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### U.S. Tech Layoffs Data Visualization

March 2023

- 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

December 2019

- 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

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**Languages:** Python, SQL (Postgres), C/C++, JavaScript, Java

**Applications:** Microsoft Excel, Microsoft Power BI, Tableau, Git, Visual Studio, VirtualBox

**Skills:** Data Visualization, Data Analysis, Data Science Methodologies

**Libraries:** pandas, NumPy, Matplotlib