Garland Qiu

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EDUCATION

The City College of New York
Bachelor of Science in *Computer Science, cum laude.*

EXPERIENCE

EXCEDE Real Estate   *November 2023 - Present*
New York Real Estate Quarterly Insights
- 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 **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.

Skyward Real Estate   *September 2023 - Present*
Showing Assistant Representative
- 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
- 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   *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.

SKILLS

Programming 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