

Garland Qiu

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EDUCATION

The City College of New York

Degree: Bachelor of Science, Computer Science

Honors: *cum laude*

PROJECTS

U.S. Tech Layoffs Data Visualization

March 2023

- Built and published an interactive dashboard showing tech layoffs in the U.S. from the start of COVID-19 to March 2023.
- Identified key metrics to design statistical summaries and geographical visualization with **Tableau** from a public **Kaggle** dataset.
- Analyzed dataset and concluded findings accessible and intuitive for public view.

Film Database App (FLICKS By PIE)

March 2021

- Designed and developed a web application utilizing **Next.js**, **React**, and **JavaScript** that displays latest and upcoming movies and shows.
- Utilized data from TMDb (The Movie Database) to display cover arts, user ratings, and details on latest and upcoming movies and shows.

NYC StreetEasy Rent Prediction

December 2019

- Built prediction model for rent prices in NYC alongside two other team members using **Python**, along with **pandas**, **matplotlib**, **NumPy**, and **scikit-learn** libraries.
 - Utilized 311 Service Requests, NYPD Complaints, and a StreetEasy dataset to improve rent predictions resulting in a median error of \$196 from actual rent prices.
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EXPERIENCE

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 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 such as Scratch and Code.org.
 - Ensured devices used in STEM activities were operational and troubleshooted devices when necessary to continue activities.
 - Recommended general and product suggestions for teachers to implement in future STEM activities.
 - Served as an interpreter between administrators, teachers, students, and parents.
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SKILLS

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

Applications: Git, Microsoft Excel, Tableau, Visual Studio, VirtualBox

Operating Systems: Windows, Linux, Macintosh, Android, iOS

Skills: Data Visualization, Data Analysis, Data Science Methodologies

Certifications: CompTIA Network+