

# Garland Qiu

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## EDUCATION

**The City College of New York**

**Degree:** Computer Science, Bachelor of Science

**Honors:** *cum laude*

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## 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**, utilizing **pandas**, **matplotlib**, **NumPy**, and **scikit-learn** libraries.
  - Utilized 311 Service Requests, NYPD Complaints, and StreetEasy datasets 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 (Science, Technology, Engineering, Math) 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.
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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, macOS, Android, iOS

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

**Certifications:** CompTIA Network+