

# Sunny Hardyal

[Github](#) | [Gmail](#) | [LinkedIn](#) | [Website](#)

## EDUCATION

### CUNY Queens College

Bachelor of Arts in Computer Science, **GPA: 3.0**

Flushing, NY  
Graduated July 2024

- Coursework: Linear Algebra, Probability & Statistics, Advanced Python Programming, Data Structures, Database Systems

## EXPERIENCE

### Data Scientist

*VegBoom*

June 2024– October 2024

Manhattan, NY

- \* Led the development of a knowledge graph project, managing data sourcing, cleaning, & importing, creating a scalable system that streamlined data management & insights generation.
- \* Automated ETL pipelines using Python (pandas, numpy) & SQL to integrate 20+ datasets into the knowledge graph, improving data ingestion efficiency.
- \* Leveraged Meta's Llama 2 & knowledge graph for trend identification & insights generation, improving model performance by 45%.
- \* Conducted complex SQL queries for data extraction, aggregation, & reporting, reducing manual data processing time by 30%.

### Data Analyst Intern

*Big Reuse*

February 2024– May 2024

Brooklyn, NY

- \* Performed exploratory data visualization using Python (Seaborn & matplotlib) enabling resource planning & improve operational efficiency by 20%.
- \* Collaborated with cross-functional teams to define reporting requirements, aligning insights with social media goals & KPI tracking for improved performance monitoring.
- \* Built dynamic Tableau dashboards to generate actionable insights from external datasets driving data-informed decisions.
- \* Developed a python script to automates email campaigns, boosting effectiveness by 25%.

### Jr Business Analyst

*Sportslane*

May 2019– March 2020

Queens, NY

- \* Used Excel to visualize KPIs such as customer traffic, conversion rates, & average order value.
- \* Collaborated cross-functionally with the sales team to develop & implement data-driven strategies, leading to a 15% increase in revenue by identify sales trends & optimize product offerings.
- \* Cleaned & transformed transaction data using advanced Excel functions, removing duplicates & filling missing entries to ensure accurate business analysis.
- \* Explored website sales data to optimize product promotions, resulting in a 18% increase in sales during peak seasons when compared to previous season.

### Data Visualization Content Creator | [Instagram Page](#)

*Freelance*

September 2024– Present

Queens, NY

- \* Managed the entire content creation pipeline, from programming & web scraping to post design, caption writing, & scheduling.
- \* Developed custom ETL pipelines in Python to extract, clean, & transform data from public sources.
- \* Analyzed Instagram metrics such as impressions, reach, & engagement rates to optimize future content strategies & boost organic growth.
- \* Gained transferable skills in social media marketing, audience engagement, & content strategy while developing technical expertise in programming & data manipulation.

## PROJECTS

### Airbnb Data Visualization | [Visualization](#)

- Prepared & cleaned Airbnb data using Excel, applying advanced functions for data sorting & error removal.
- Mapped Airbnb revenue pattern by zip code in Tableau, identifying key areas for strategic pricing.
- Utilized regression analysis in Tableau to forecast pricing trends for Airbnb listings.

### COVID-19 Data Analysis | [Visualization](#) | [GitHub](#)

- Conducted an analysis of COVID-19 trends utilizing SQL on public COVID deaths & cases datasets.
- Cleaned data & prepared CSV datasets for analysis, ensuring data integrity for accurate querying.
- Utilized Tableau to create visualizations, showing trends of vaccines against deaths & infections.

## TECHNICAL SKILLS

**Programming Languages:** Python, R, C++, Java, SQL, HTML/CSS, JavaScript, Unix Latex

**Frameworks & Tools:** Docker, Git/GitHub, MySQL

**Data Science Tools:** Pandas, NumPy, Seaborn, Matplotlib, Sci-kit Learn, Jupyter Notebook, PyTorch, Tableau, Excel

**Developer Skills:** Project Management, Cross Functional, Data Structures, Statistics

**Interests:** Keyboard building, Video games, Weight lifting