Thasmia Showmir

Thasmiashowmir@gmail.com | (646) 745 - 6597
LinkedIn | Portfolio | GitHub

EDUCATION

CUNY HUNTER COLLEGE – New York, NY
B.A. Computer Science, Minor in Math   **Expected**: 05/2026
Relevant Coursework: Statistics, Data Structures & Algorithms, Python, Discrete Mathematics, C++
B.A. Chemistry with Concentration in Biochemistry, Minor in Psychology | GPA: 3.8/4.0   01/2023

RELEVANT EXPERIENCE

CUNY Tech Prep – **Data Science Fellow** – New York, NY   08/2025 - Present
- Selected for a competitive data science fellowship with students from across the 11 CUNY senior colleges where Fellows create technical projects using tools such as Python 3, Jupyter Notebooks, Pandas, Numpy, Scikit-learn, and SQL.
- Participate in weekly courses and learn industry best practices for exploratory data analysis (EDA), feature engineering, data collection and processing, statistical modeling, data visualization, machine learning techniques, data science process, and big data.

Museum of Moving Image – **IT Intern** – New York, NY   06/2024 - 08/2024
- Supported over 50 PC hardware, software, and desktop operating systems, optimizing system performance and enhancing technical proficiency among non-technical staff.
- Streamlined device cataloging and asset tracking using Freshservice, resulting in increased inventory accuracy by 30%.
- Troubleshooted museum gallery infrastructure, ensuring seamless operation and improving the experience for 100+ daily visitors.
- Collaborated closely with the director of IT to manage 50+ tickets and email requests, ensuring issue resolution within 1 day.

COOP Careers – **Data Analytics Fellow** – New York, NY   02/2024 - 06/2024
- Engaged in a 16-week fellowship program, acquiring expertise in data cleaning, transformation, analysis, and visualization using SQL, Python, and Tableau, alongside continuous professional development.
- Accumulated 200 hours of instruction time with a hands-on mastery of data tools, communication training, networking, and client work with real-world companies.

SKILLS & CERTIFICATIONS

Programming: C++, SQL, Python, R
Technologies: Tableau, Git/GitHub, MySQL, PostgreSQL, Google BigQuery, Microsoft Office
Certifications: Skillfully Technology Consulting Course (12/2023), Udemy SQL Bootcamp (11/2023), Google Data Analytics Professional Certificate (08/2023)

PROJECTS

COOP Careers Capstone Project | Behind the Numbers: Patterns in NYPD Arrest Data   03/2024
- Collaborated with a team of 4 to develop and present 12 comprehensive data visualizations using Tableau to NYPD stakeholders, effectively communicating 10+ key trends and insights in arrest activities.
- Delivered 3 strategic recommendations based on detailed analysis of over 150,000 arrest records, to improve arrest policies and enhance community relations.

Google Data Analytics Case Study | Bellabeat: How a Wellness Tech Company Can Play It Smart?   12/2023
- Analyzed 3 smart device usage datasets in R Studio to uncover trends in activity levels, calories burned, and weight, aligning insights with Bellabeat's marketing strategy.
- Used regression analysis to identify the correlation between 3 metrics with the amount of calories burned, revealing key insights that influenced marketing decisions.
- Created 8 data visualizations in a stakeholder-facing slide deck, presenting insights and 2 actionable recommendations to optimize Bellabeat's user engagement and market positioning.

Personal Project | Stroke Prediction Analysis   11/2023
- Utilized PostgreSQL to execute 10+ queries, revealing factors associated with increased stroke risk, including age, gender, hypertension, and heart disease, to identify high-risk populations.
- Visualized relationships between 9 demographic variables and stroke cases in a Tableau dashboard, providing 6 actionable insights for healthcare professionals and to improve public awareness of stroke risk factors.