

Terry Yi

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EDUCATION:

Bachelor of Science in Computer Science

September 2021 - May 2025

Minor in Energy Science, Technology, and Policy

New York Institute of Technology

Old Westbury, New York

Skills & Certifications:

- **Programming Languages:** Python, SQL, Java, HTML, CSS, JavaScript
- **Frameworks & Tools:** Pandas, NumPy, Streamlit, Matplotlib, Langchain, React.js, Plaid, Electron, Firebase
- **Database Technologies:** Snowflake, Coalesce, DBT, MySQL, GitLab, NotebookLM

WORK EXPERIENCE:

1-800-FLOWERS.COM, INC.

June 2024 - Present

Junior engineer

Old Westbury, New York

- Designed and implemented interactive dashboards, streamlit apps, reports, and analytical notebooks using SQL and Python to support cross-functional teams and stakeholders in data visualization and decision-making.
- Developed and optimized Data pipelines leveraging ETL tools such as DBT and Coalesce.
- Developed a proof of concept using generative AI to automatically generate product details for items.
- Led chat reading sessions to evaluate and improve the user experience with an e-commerce chatbot, providing actionable insights for product and UX teams.

PROJECTS:

Clickstream Data Pipeline | *SQL, Coalesce, Snowflake*

- Designed and deployed an end-to-end data pipeline to process and transform raw clickstream data into structured, queryable tables for analytical use.
- Collaborated with analysts and data consumers to understand reporting needs and tailor data outputs.
- Ensured data quality, consistency, and reliability through validation checks and automated error handling.

Generative AI for Product Data Generation | *Python, SQL, Snowflake, OpenAI*

- Leveraged OpenAI's language models to generate product categories, families, and attribute metadata from existing product
- Tuned prompt engineering to ensure accurate and domain-relevant category and attribute generation.
- Designed a Streamlit app to visualize, compare, and validate AI-generated outputs against existing product data.

Money Management Web Application(Mon-e) | *Javascript, CSS, HTML, Firebase, Electron, Plaid*

- Developed a web application enabling users to create accounts, connect bank accounts, and manage personal finances.
- Built interactive dashboards featuring pie charts, bar graphs, and line charts to visualize spending, income, and budget trends.
- Created an admin panel allowing authorized access to create, edit, and delete user accounts

Leadership & Extracurricular Activities:

NYIT Cyberhack Club:

September 2022 - May 2025

Vice President

Old Westbury, New York

- Led and organized club meetings, ensuring clear communication and productive discussions among members.
- Planned, coordinated, and executed engaging club events, enhancing member participation and satisfaction.

HONORS:

Presidential Honor List

January 2022 - June 2024