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**