

TIFFANY ZHU

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TECHNICAL SKILLS

- Programming Languages: Python, JavaScript, SQL, HTML, CSS, C++, Swift
- Data Engineering & Analysis: Apache Airflow, Databricks, Pandas, Numpy, Streamlit, MySQL, DBeaver
- Tools & Platforms: Git, GitHub, Gitlab, Google Cloud Platform, Microsoft Office, Tableau

EXPERIENCES

Metropolitan Transportation Authority

MTA x CUNY Data Research Intern

New York, NY
Jan 2025 - Aug 2025

- Deployed scalable data pipelines with Apache Airflow, building 10+ automated DAGs to streamline data ingestion and reporting workflows for project planning.
- Partnered cross-functionally with engineers and analysts to improve pipeline reliability, scalability, and deployment strategy, ensuring alignment with evolving business needs.
- Developed internal tools with Streamlit to visualize and query API-sourced business data, improving real-time accessibility of key project metrics for stakeholders.
- Leveraged Google Cloud Platform's Document AI to train a custom processor with over 200 labeled documents, enabling efficient integration into ETL pipelines and analysis.

Origen Consulting

PENCIL Inc. Web Development Intern

Remote
Jul 2024 - Aug 2024

- Translated 20+ UI wireframes into a responsive and accessible web interface aligned with project scope and lead feedback.
- Standardized a design system with Tailwind CSS, improving consistency and reducing handoff time for future updates.
- Collaborated with project leads and industry experts to define requirements and deliver user-focused features on accelerated timelines.

Bitly

Break Through Tech Software Engineer Intern

Remote
Jan 2023

- Delivered a web-based RSVP platform, streamlining event sign-up and managing user data with real-time data handling.
- Devised data models and CRUD API routes to power user-event workflows, improving backend efficiency and informing project documentation.
- Engaged in agile-style development, presenting feature demos to mentors and peers and rapidly iterating based on feedback to enhance usability.

Accenture

Break Through Tech AI Software Engineer Intern

New York, NY
Aug 2022 - Dec 2022

- Automated a real-time backend data pipeline using X's API and Dataiku for unsupervised sentiment analysis on over 80,000 tweets to track public perception of targeted products.
- Extracted and preprocessed one week of real-time tweets from X's API, cleaning and structuring data to optimize model performance and accuracy in sentiment detection.

EDUCATION

Hunter College

Bachelor's in computer science and minor in math and Japanese language

New York, NY
Aug 2021 - Dec 2024

- Dean's List (2022-2024)
- Honors Daedalus Scholars Program (GPA: 3.85/4.00)
- Relevant Coursework: Practical Web Dev, Database Management, iOS Dev, Digital Product Dev