

MICHELLE WENG

New York, New York

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ABOUT ME

Fullstack Engineer looking for fast pace environment to create meaningful impact at scale.

EXPERIENCE

JPMorgan Chase & Co.

Aug 2024– Sept 2025

Software Engineer

NYC, NY

- Led international data retention compliance effort, ensured adherence to laws across multiple jurisdictions.
- Deployed compliance project to production environment, ensuring reliability and scalability for global operations.

Software Engineer Intern

June 2023 - Aug 2023

- Implemented middleware authentication API using Java Spring Boot in collaboration with lead engineer.
- Gained hands-on experience with corporate frameworks, adapting quickly to new tools and methodologies.
- Strengthened networking and collaboration skills by engaging with peers and teams across the organization to understand broader operational goals.

BMO Bank

Jan 2023– Apr 2023

Cloud Infrastructure Intern

NYC, NY

- Revamped data storage, reducing file size by 8x, resulting in a significant storage cost reduction.
- Improved file retrieval latency from AWS servers.
- Monitored AWS CloudWatch during testing of file uploads to AWS S3 bucket and debugged log files.

Industrial Manufacturing Metaverse Digital Twin System

May 2022– Dec 2022

REU Undergrad Research

Buffalo, NY

- Architect and design the system leveraging AWS to create digital twins for industrial manufacturing.
- Developed an interactive dashboard for real-time sensor data visualization of industrial machines in React.
- Published [demo paper](#) for the ACM SenSys 2022 Conference.

HACKATHONS

Mockstars App | [RevenueCat Shipaton 2025](#) | React Native, TS, PostgreSQL, Google Cloud Run

Sept 2025

- Implemented user dashboards that visualize strengths, weaknesses, and improvement trends across multiple sessions, stored securely with PostgreSQL.
- Developed dynamic mock interview scenarios using ai models, adapt questions to targeted behavioral themes.

Kudo - Hackthon Winner | [FemHacks 2025](#) | React, TS, Python, Ai Agents

Feb 2025

- Platform empowering youth through mentorship with college students
- Developed ai agents for student and tutor intake and matching via Python LangChain

SKILLS

Technology: Typescript, SQL, React, React Native, Java, Python

Tools: Git, Docker, AWS, GCP, Linux

EDUCATION

University at Buffalo, 3.72 / 4.0

May 2024

Computer Science B.S., Won 2022 Russell L. Agrusa Innovation Competition

Buffalo, NY