

VIVIAN CHEN

Chicago, Illinois 60632 | (312) 662 8672 | VivianChen2026@u.northwestern.edu

EDUCATION

Northwestern University

Bachelor of Arts in Computer Science, Data Science | Honors: Bridge Arch Scholar

Evanston, Illinois

Expected June 2026

RELEVANT EXPERIENCE

Amazon

Seattle, Washington

Software Development Engineer Intern

June 2024 - present

- Developed a response streaming WebSocket API, corresponding Lambda handlers, and IAM policies using AWS Cloud Development Kit (CDK) and deployed multiple stacks of resources to development accounts with the goal of implementing streaming between our LLM and user. Established a new development pipeline for tracking stack deployments, ensuring the proper AWS resource were created.
- Led cross-team discussions with a detailed design document to clarify project goals and reach alignment on planned implementation.
- Implemented a Bedrock model invocation and asynchronous response streaming using Java to enhance latency and improve customer experience. Proceeded to integrate necessary logging and metrics, and created testing using JUnit and Mockito to ensure reliability and performance.

MERGE

Chicago, Illinois

Shadow Intern

January 2024 - January 2024

- Gained firsthand knowledge of pipeline processes, allowing for a complete understanding of the end-to-end workflow within the organization.
- Developed a network of connections by actively engaging with and shadowing professionals across different departments, fostering relationships that contribute to a collaborative work environment.
- Acquired insights into the dynamics of the workplace, including effective communication strategies and team collaboration.

Amazon

Seattle, Washington

Amazon Future Engineer SDE Intern

June 2023 - September 2023

- Demonstrated proficiency by successfully implementing 10+ code changes and crafting numerous unit tests using Cypress and Jest, contributing to the enhancement of code quality and reliability.
- Utilized TypeScript to design and implement a first-time user modal on a customer-facing webpage, improving the overall user experience and engagement.
- Implemented an effective clickstream to monitor user interactions, providing valuable insights into user behavior and preferences.
- Collaborated closely with Product and UI/UX team members to ensure the integration of new features and improvements into the existing codebase.

Tyler Technologies

Chicago, Illinois

Implementation Intern

August 2021 - June 2022

- Applied analytical skills to gather data from 50+ Excel sheets, leveraging Power BI to develop 20+ report pages that accurately showcased changes in billable hours from month to month.
- Created visually appealing and interactive reports that provided valuable insights into company revenue and hours
- Developed intuitive and user-friendly dashboards, charts, and graphs to visualize and track key metrics, enhancing the accessibility of critical information for stakeholders.

LEADERSHIP EXPERIENCE

Golden Honey Pins

Chicago, Illinois

Founder

November 2020 - October 2022

- Established and maintained communication with 10+ manufacturers, ensuring timely and accurate product arrival.
- Proactively addressed potential delays through effective communication channels, resulting in a 20% reduction in supply chain disruptions.
- Ensured the smooth operation of the supply chain by implementing streamlined processes, leading to a 15% improvement in overall efficiency.

ADDITIONAL INFORMATION

Membership: Mayfest Tech, WildHacks Sponsorship, Society of Women Engineers, Women in Computing

Skills: AWS Lambda, API Gateway, Cloudwatch, Cloud Development Kit, React, Power BI, Jupyter Notebooks, IntelliJ,

Languages: C, C++, Typescript, HTML, Python, Java, JUnit, Mockito

Interests: Cooking, Crocheting, Ice Skating, Calligraphy, Medical TV Shows, Superhero Movies, Design