

LINA MEI

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EDUCATION

University of Illinois at Urbana-Champaign

May 2025

Bachelor of Science in Computer Science | Minor in Business - GPA: 3.52/4

Courses: Cloud Networking, Applied Machine Learning, Programming Languages & Compilers, Intro to Algorithms & Models, User Interface Design, Operating Systems, Computer Architecture, Database Systems, Data Structures & Algorithms

EXPERIENCE

Data Engineer Intern - Adyen

Jan 2025 - Present

- Optimized bank statement report generation time by migrating from **PostgreSQL** to **PySpark**, reducing runtime for high-volume merchants across over 20k monthly reports
- Built validation and real-time alerting mechanisms to increase application resilience and detect data quality issues in reporting workflows

Software Engineer Intern - Snap Inc.

May - Aug 2024

- Migrated databases from **Aerospike** to **DynamoDB** using **Go**, implementing **dual-read logic** and metrics tracking to ensure consistency and reliability—resulting in **\$130K annual savings** and a **5% improvement** in data retrieval success rates during peak loads
- Implemented **A/B testing** infrastructure and configuration frameworks for over **2 million users**, streamlining internal testing and accelerating product development cycles

Software Engineer Intern - Uline

May - Aug 2023

- Automated reconciliation workflows by deploying a production-ready **Spring Boot** and **Angular** solution by leveraging **SQL queries**, **Apache NiFi dataflow**, and **REST APIs** to implement endpoints
- Revamped the prospect-to-customer process by implementing an agile methodology and streamlining the database, reducing marketing team effort by 50%

PROJECTS

Hackathon (1st place winner) - WildHacks 2025

Apr 2025

- Co-developed Farm Connect, a **full-stack web app** created in a team of 3 to connect grocery stores with livestock farmers and reduce food waste through AI-powered feed matching
- Built with **React**, **Node.js**, **Supabase**, and integrated with **Gemini model 2.5 API** for optimized feed recommendations and **Google Maps API** for location-based store discovery

iOS App Software Engineer Lead - Everyone Can Code Chicago

Sep - Jan 2023

- Designed and published FreshFridge, a **full-stack mobile app** built with **Swift** and **Firebase (NoSQL)** to help households track and manage shared fridge inventory
- Launched a 12-week software development project, following a standard life cycle and deploying it to the Apple App Store

CERTIFICATES

Uber Career Prep Cohort

Jan 2023

Software Engineering Virtual Experience - JPMorgan Chase & Co.

May 2022

TECHNICAL SKILLS

Languages Python, Go, Java, C++, Swift, Kotlin, JavaScript, HTML

Technologies PySpark, DynamoDB, Angular, React, Supabase, Node.js, Firebase, Postman, Flask, Docker, GitHub

Interests Travel, Gym, Music, Culinary, Ice skate, Snowboard, Cafes