

# LINA MEI

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## EDUCATION

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### University of Illinois at Urbana-Champaign

May 2025

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

Courses: Applied Machine Learning, Programming Languages & Compilers, Intro to Algs & Models, User Interface Design, Operating Systems, Computer Architecture, Database Systems, Data Structures & Algorithms, Software Design, Discrete Structures, Introduction to Computer Science II/I, Linear Algebra, Calculus III/II/I, Physics I/II

## EXPERIENCE

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### Software Engineer Intern - Snap Inc.

May - Aug 2024

- Orchestrated a data storage migration leveraging **Go**, consolidating legacy database **Aerospike** and modern datasets into a scalable **DynamoDB** infrastructure, resulting in **annual savings** of **\$130k**
- Implemented dual-read logic with built-in metrics tracking, ensuring data consistency and system reliability, leading to a **5% improvement** in average **success rates** retrieving snaps during peak loads
- Developed **A/B testing** for **2+ million users** and configuration frameworks to streamline internal testing processes for enhanced product development

### Software Engineer Intern - Uline

May - Aug 2023

- Optimized an automated process by deploying a successful **Spring Boot** and **Angular** solution by leveraging **SQL queries**, **Apache Nifi dataflow** and utilizing **Rest APIs** to implement endpoints
- Successfully navigated a **Jenkins Pipeline**, culminating in the solution's deployment to production
- Revamped the prospect-to-customer process by implementing **an agile methodology** and streamlining the database, resulting in a **50% reduction** in time typically spent for the marketing department

### iOS App Software Engineer Lead - Everyone Can Code Chicago

Sep - Jan 2023

- Led a team of 3 student developers
- Designed and published a **full stack mobile app** from scratch utilizing **Swift** and **Firestore NoSQL** to store user data
- Launched a 12-week software development project, following a standard life cycle and overseeing the testing and debugging process to deploy into the Apple App Store

## PROJECTS

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### HomeRate (Flask, Python)

Aug - Dec 2022

- Designed and developed a scalable website that provides visualization for UIUC students to compare their apartment options utilizing **Flask and Python** on the back-end with Google Maps **API integration**
- Conducted, maintained and executed test cases using **Pytest**, ensuring the quality and stability of the system throughout the project

## EXTRACURRICULARS

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### Women in Computer Science

Aug 2021 - May 2022

- Virtual online event preparations such as brainstorming fun and creative ideas for general members
- Provided assistance for general members answering potential questions during open office hours

## CERTIFICATES

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- Uber Career Prep Cohort Jan 2023
- Software Engineering Virtual Experience - JPMorgan Chase & Co. May 2022
- Responsive Web Design - freeCodeCamp June 2022

## TECHNICAL SKILLS

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

**Technologies** DynamoDB, Angular, Firebase, DBEaver, Postman, Flask, Docker, GitHub, React

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