

# Katie Liu

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🔗 [katieliu.dev](https://katieliu.dev)

🐙 [github.com/whoiskatie](https://github.com/whoiskatie)

## SKILLS

**Languages:** Java, C++, JavaScript, HTML, CSS, UML principles

**Technologies:** Git, Google Firebase, Android SDK, Bootstrap

## EDUCATION

University of Ottawa

**BSc in Computer Science (cGPA: 3.49/4.0)**

*Sep. 2021- Apr. 2025 (expected)*

Relevant coursework:

- Introduction to Software Engineering
- Advanced Programming Concepts with C++

## PROJECTS

### Mealer

[github](#)

- Collaborated in a team of five to implement a class-assigned meal pick-up application for chefs, clients, and administrators using Java and Android SDK.
- Integrated dependencies with Firebase to create, store, and query user data for use in browsing and user-to-user interaction through purchases.
- Mentored team-members to encourage a productive team dynamic appropriate for delegating tasks to best meet deliverable objectives.
- Adopted common object-oriented design patterns to write maintainable and reusable code, and emulate Model-View-Controller architecture.

### Personal Website

[katieliu.dev](https://katieliu.dev)

[github](#)

- Programmed a static personal website to showcase projects and gain experience in web development languages.

### BookTracker

[github](#)

- Designed a Java program that tracks a local user's reading history and generates recommendations for future reads.
- Integrated test-driven design principles by writing test cases based on proposed specifications before constructing code.

### Reservanté

[github](#)

- Contributed in a team of five for the 2020 CMD-f hackathon to build a restaurant table reservation program in under 24 hours.

### Javmos v2

[github](#)

- Built a graphing calculator in Java that takes after the advanced graphing calculator, Desmos.

## EXTRACURRICULAR EXPERIENCE

**Sales Associate @ Bath & Body Works, Toronto ON**

*Jun. 2022 - Aug. 2022*

- Drove sales by encouraging positive engagement of customers, providing product knowledge, and assisting with product selection.
- Cooperated with supervisors and fellow co-workers using effective communication and teamwork to maximize efficiency.