

HIRO AYETTEY

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EDUCATION

University of Waterloo

Sept 2018 - Apr 2023

Bachelor of Software Engineering

Software Engineering Society Representative & Student Mentor

Relevant Coursework: Data Structures & Algorithms, Databases, Software Testing, Operating Systems

WORK EXPERIENCE

Figma

May 2021 - Aug 2021

Incoming Software Engineering Intern

San Francisco, CA (Remote)

TD Labs

Sept 2020 - Dec 2020

Software Developer Intern

Waterloo, ON (Remote)

- Prototyped financial solutions for students using new technologies as part of TD's innovation lab
- Presented solutions to **TD's Executive VP** which were approved for further development
- Built solutions using Vue.js, Flutter, Firebase and iOS App Clips; created designs in Figma

TextNow

Jan 2020 - Apr 2020

Android Developer Intern

Waterloo, ON

- Implemented integrations with social media for over **1.5 million DAU**, leading to increased retention
- Simplified release and sprint process by adding **Jira integrations** to build scripts
- Added unit tests to changes, making use of dependency injection (**Koin**) and mocking (**Mockito**)

Threads

May 2019 - Aug 2019

Mobile Engineering Intern

San Francisco, CA

- Implemented search history for mobile apps, leading to a **3% increase** in search usage
- Created **API endpoints** with **Javascript** and **SQL** to synchronize recent searches across platforms
- Built in-app bug reporting tools integrated with Zendesk, leading to a **5% increase** in reports
- Developed all features on both iOS (**Swift**) and Android (**Kotlin**)

PROJECTS

Lectures++ (HackWestern 7)

Nov 2020

Full Stack Development - Javascript, Google Cloud API, Docker, Express

- A chrome extension that speeds up lectures intelligently, displays a live chat, and generates a transcript
- Created the overlay that displays the chat/transcript, and wrote the live chat API

Women in STEM

Jan 2020 - Apr 2020

Mobile Development (iOS) - Swift, SwiftUI, Firebase

- An app that describes some of the contributions minority women have made to STEM fields
- Built frontend with **SwiftUI**, backend with **Firebase**, and incorporates the **MVC** design-pattern

SKILLS

Programming Languages

Python, C++, Java, Swift, Kotlin

Frameworks & Tools

React, Firebase, Node, Flutter, SQL, AWS