HIRO AYETTEY

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EDUCATION

University of Waterloo   Sept 2018 - Apr 2023
Bachelor of Computer Science
Relevant Coursework: Data Structures & Algorithms, Databases, Software Testing, Operating Systems

WORK EXPERIENCE

Figma   May 2021 - Aug 2021
Software Engineering Intern   San Francisco, CA (Remote)

- Ideated and developed a new data format for representing comments containing **@mentions**
- Updated **API endpoints** and **database models** related to comments to support this new format
- Created notifications, email templates and spam prevention methods for @mentions
- Built **React** components for selecting someone to @mention and embedding @mentions in text

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

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
- 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++, Javascript, Java, Swift, Kotlin
Frameworks & Tools	React, Firebase, Node, Flutter, SQL, AWS