SYDNIE CHAU

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EDUCATION

University of Waterloo / Wilfrid Laurier University   Sept. 2020 - Apr. 2025
Bachelor of Computer Science and Business Administration Double Degree, Honours, Co-op, 2A
3.9 GPA - Term Distinction (All Terms)
President's Scholarship of Distinction

EXPERIENCE

Stripe   Jan. 2022 - Apr. 2022
Software Engineering Intern   Seattle, WA

SS&C Technologies | Java, Spring Boot, GraphQL, Kafka, Nifi   May 2021 - Aug. 2021
Full Stack Developer Intern   Toronto, ON
- Implemented a microservice with **Spring Boot** that handles trade requests and continuously streams millions of trade data in real-time utilizing **Apache Kafka**.
- Built processors in **Java** that are capable of analyzing and aggregating millions of mutual funds, dividends and trades daily using **Apache Nifi**.
- Developed a **GraphQL** server with **Spring Boot** to report missing fund prices on a nightly basis.

Hack+ | ReactJS, Node.js, Firebase   Jan. 2021 - July 2021
Software Engineer Intern   Remote
- Built a platform that manages over **1700** users to help launch student start-ups, nonprofits and events.
- Created a dashboard to streamline financial transactions, invoices and donations totalling over **$1,756,382** in user transactions to date in **ReactJS**.
- Implemented RESTful API endpoints with **Node.js** to create and access organization data stored in **Firebase**.

PROJECTS

Shopping Buddy - ReactJS, Node.js, Puppeteer   Dec. 2020
- Created a **React** application that tracks a list of online products and alerts users about any ongoing sales.
- Built a back-end server using **Node.js** that handles API requests to scrape for product information using **Puppeteer**.

Blossom - Swift, IBM Watson Visual Recognition, MapKit   Aug. 2020
- Developed an iOS mobile app with **Swift** that can visually identify, diagnose, track and monitor plants in your garden.
- Implemented visual recognition with **IBM's Watson** to diagnose plant health and identify plant species.
- Utilized **MapKit** to track user location and record the location of plants identified in the area.

MealRelief - ReactJS, Azure Maps, MongoDB, Django   Aug. 2020
- Developed an application that allows food providers to donate fresh meals that would otherwise become food waste in collaboration with a team of 4 for HackThe6ix.
- Built the front-end website using **React.JS** and a map of nearby food providers was implemented with the **Azure Maps API**.

SKILLS

LANGUAGES: JavaScript, Java, Python, C, Swift, HTML, CSS
FRAMEWORKS & TOOLS: ReactJS, Node.js, Spring Boot, GraphQL, Apache Kafka, Apache Nifi, Git, Xcode, Android Studio