

# Mathurah Ravigulan

2019 Generation Google Scholar, Seeking Summer 2021 Internship

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## Education

**University of Waterloo**, Systems Design Engineering (BASc)

Expected Sept 2019 - April 2024

- 3.92/4.00 Term GPA; Courses: Data Structures and Algorithms (95%), Human Factors of Design
- Activities: Co-director of Tech+ UW, Developer at UW Blueprint, Rewriting the Code Fellow

## Skills

**Languages:** JavaScript, TypeScript, C++, HTML, CSS, Python

**Tools/Frameworks:** React, Angular, Node.js, SQL, GraphQL, Azure, Android Studio, Google Cloud

## Experience

**Shopify** • Front-End Developer Intern

Sept 2020 - Present

- Building checkout extensions to improve user experience for over **1 million merchants**
- Owning development of reusable UI components on Storyboard and testing with **Jest**

**Snap Smiles** • Software Developer (React)

May 2020

- Built an appointment status dashboard using **React Hooks** and **Material UI** for **75,000 users**

**Deloitte** • Software Development & Product Management Intern

Jan 2020 - April 2020

- **Reduced \$5M** in manual data entry costs for clients through architecting, designing, and developing a digital claims platform using **Angular & Typescript** and the **Guidewire API** (for data collection)
- Conducted **10+** user interviews to inform product and presented deliverables to Partners

**myCryptoHippo**, Co-founder and Chief Product Officer

Oct 2017 - Aug 2018

- Led a team of 40 to develop a crypto market simulator and pitched business plan internationally winning **\$75,000** for Junior Achievement, gaining **1100+ active users** with a **420% ROI**

## Projects

**aibo** - RBC Most innovative hack at Hack the 6ix/57 teams

- Developed a solution to connect remote workers via video call using **React, Express, Twilio video chat API, Microsoft Azure** for the matching algorithm

**eco lens**, Elle Hacks 2020 - Most Innovative Hack Honourable Mention

- Programmed and designed a mobile app that recommends craft projects from scanning live photos of trash using **Android Studio, Google Cloud Auto ML** and **Firebase ML**

## Leadership

**Canadian Undergraduate Tech Conference** • Operations Lead

Dec 2019 - July 2020

- Organized tech conference for **2000+** attendees, raising **\$2020** for Black Mental Health Canada
- Spearheaded and judged an AI for social good challenge in partnership with Microsoft

**Canada Learning Code & Girls Make Games** • Instructor

2018-Present

- Instructing **40+** students to improve proficiency in HTML, CSS, and JavaScript
- Taught Game Development at Xbox with **Unity** to build a platformer game within 3 weeks

## Awards

Google GHC Scholarship

2020

Generation Google Scholar - awarded to 14 students across North America

2019

\$10,000 Peter Mansbridge Youth Innovation Award

2019

\$2500 CryptoChicks Blockchain and AI Hackathon Winner

2019