

Education

- University of Waterloo, Candidate for B.A.Sc in Systems Design Engineering Sep 2020 – Apr 2025
- Courses: Digital Computation (C++), Digital Systems, Data Structures & Algorithms, Human Factors in Design

Skills

Languages	Java, HTML5, CSS3, JavaScript ES6, React.js/redux, C++, Python, C, SCSS (SASS), SQL (MySQL), Turing
Tools	Bootstrap, Node.js, Express.js, React Native, Git, Firebase, Android Studio, REST APIs, npm
Design	Figma, Material Design, Photoshop, Premier Pro, After Effects, User Experience Design, User Interviews

Relevant Experiences

Engineering Intern – Inertia Engineering + Design Inc.

Jul – Aug 2019

- Developed and improved project management tools for software standardization and documented in Knowledge Base to better organize company SOPs/ practices, increasing scrum master productivity
- Identified user pain points to inform/ **prioritize design decisions** for MRI scan machine, worked in **agile** environment

Software Developer Intern – HungerSwipe

Sept 2020 – Present

- Developed new responsive web dashboard using **React/Redux, Material UI** in agile team, from conception to beta launch

Frontend Developer & UX/ UI Designer – PREPosition

Aug 2020 – Present

- Spearheading development of entire new website interface, layout, and UX/UI by using Bootstrap, HTML, SCSS, JS
- Implementing site content architecture, navigation scheme, and designs for organization's first website

Chief Operating Officer – STREAM Syndicate

Sep 2018 – Present

- Spearheading initiatives in **Canada-wide**, non-profit organization to provide career growth opportunities for youth in STEM, arts, and humanities, collaborating with CEO/ cross-functional teams of 27 members, serving **8.4k+ youth** nationwide
- Leading Ontario Board projects: TED-talk style **tech conference, hackathon**, art gala – on **Markham news**

Personal Projects

Waterloo 101 – Website

2020

- Developed all front-end for the discussion page, navigation bar, and animations using HTML/ CSS, JS, **Bootstrap**
- Designed entire backend **database** using **Node.js & Express.js** for discussion board feature, enabling posts and replies

Maskify.me – Hack the North

2019

- Designed and developed entire front-end using **HTML, CSS, JavaScript**
- Translated team's **UI/UX** design into responsive, interactive features and demoed for a judge panel

Smart Cart – Citizen Hacks

2019

- Developed a grocery list mobile app with scanner functionality using **Android Studio** and **Java**
- Set up **Firebase** authentication to develop user profiles and enhance security of user information

Leadership Experiences

Founder, Chief Product Officer – E-KoalaTees

Sep 2019 – Aug 2020

- Directed and delegated weekly tasks within a 15-member junior achievement t-shirt company
- Developed core **product vision** and managed 500+ orders, 9 variations, and **\$4000+** worth of revenue, cutting costs by 50%

President – Oxfam Association

Sep 2016 – Jun 2020

- Lead team of 21 to raise awareness of poverty and social injustice, raising **\$1200+** in sponsorship
- Coordinated school-wide events and youth outreach talks, donating 500+ items to clothing/ hygiene drives

Business Lead & Build/Programming Member – FRC Robotics 4914

Sep 2018 – Jun 2020

- Led team of 12 to develop our first sponsorship package and demo to judges during award decisions
- Developed **Java** software to program autonomous routines for robot's drive motor control system

Awards

Magna Engineering Scholarship	International Scholarship worth \$15,000 , 20 worldwide recipients, 2020
1st Place	UofT's Women in Science and Engineering Design Challenge, 2019
STEM Scholarship	2 Ontario recipients for girls in STEM, \$1000 from Two Small Fish Ventures, 2020
1st Place	Future CEO Business Pitch Competition, competed against 12 teams, 2020
2nd Place	E3 Challenge, 2 month entrepreneurship competition, 2019
DECA: Top 2 Case Study	2019 Provincials, 2019 Regionals, 2018 Regionals Top 10 Overall : 2019 Provincials