

## EDUCATION

### Western University

Sept 2018 to April 2022

*Bachelor of Engineering Science in Software Engineering*

*London, ON*

**Relevant Courses:** Data Structures and Algorithms, Database Management Systems, Operating Systems, Computer Networks Applications, Web Technologies, Software Construction, Human-Computer Interface Design

### Skills

**Front End:** React, Redux, Angular, Ionic, Javascript, Typescript, HTML, CSS, Sass, Bootstrap

**Back End:** Java, Go, Ruby, C#, C, Unity, Node.js, NoSQL, SQL, Google Cloud Functions, AWS, REST

**Other Tools and Testing:** Git, Stripe API, ReactiveX API, Pandas Library, Jest, Circle CI, Jira, Docker

## WORK EXPERIENCE

### Cisco Meraki

Sept 2021 to Dec 2021

*Incoming Software Engineering Intern*

*San Francisco, CA - Remote*

- Incoming backend software engineering intern on **Cameras team**

### Coinbase

May 2021 to Aug 2021

*Software Engineering Intern*

*San Francisco, CA - Remote*

- Currently interning at the **largest US cryptocurrency exchange** on **Retail Card team**

### Barnacle Systems

Sept 2020 to Dec 2020

*Software Developer Intern*

*Victoria, BC - Remote*

- **Shipped a new end to end app feature** that allows customers to monitor live status levels of sensors on boats
- Constructed API endpoints with Node.js and Express to support product deletions/resets on backend database
- Worked on an automated command line interface tool by transferring configuration data from a HTTP web request onto firmware **to decrease installation time for customers and augment developer productivity**
- Wrote automated tests in Jest and documentation for all backend APIs to simplify developer onboarding

### Quicktab Technologies

April 2020 to Aug 2020

*Software Engineering Intern*

*Toronto, ON - Remote*

- **Developed contactless dining platform** consisting of React web and native iOS app **piloted in 2 restaurants**
- Designed the system architecture, application flow, UI interfaces and core end-to-end user facing features
- **Created fully responsive front end screens** with modal views, animations and reusable components
- Executed asynchronous database queries to retrieve live orders while **reducing read/write operations by 60%**
- Remodelled state architecture in Redux to increase code reusability and improve data flow across entire application
- **Identified customer demand** for faster service speeds by **triaging feedback data and scoped a live ordering feature**
- Utilized Swift storyboards to build multiple table view screens and set up app navigation on iOS native app

## LEADERSHIP EXPERIENCE

### FIRST Robotics Competition Team 1325 Inverse Paradox

Sept 2015 to Present

*Business Operations Captain/Mentor*

*Mississauga, ON*

- **Managed 5 cross-functional sub-teams** by leading the development of a competitive robot **with 50+ students**
- Led outreach campaign with **free STEM education camps for 700 youth** by partnering with 6 local youth organizations & conducted service trip to rural schools in India
- **International FRC Deans List Winner for technical expertise and individual contribution to the team (20/138,000)**
- Increased annual corporate sponsorships by 300% by implementing tiered sponsorship levels & monthly newsletters
- Managed \$40,000 yearly operating budget to conduct financial analysis to create risk mitigation strategies