





# Matthew Danics

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## EDUCATION

**Ivey Business School, Western University**, London, ON, Canada Sept 2018 - April 2023  
Dual Degree | BSc, HBA, Honors Specialization in Computer Science (GPA: 85%) & Business Administration (GPA: 80%)  
*Notable Awards: Dean's Honor List (2018-2021), Four Year Continuing Admission Scholarships (2018-2022)*

## TECHNICAL SKILLS

JavaScript (React), TypeScript (Node), Dart (Flutter), Python, MongoDB, and Java

## EXPERIENCE

**TIMCO Swiss** | *Software Engineer – Geneva, Switzerland* August 2020 – August 2021

- Used **Flutter** and **Node** to build a cross platform mobile app that uses Bluetooth beacons to alert users with a merchant marketing PDF based on user location; released to both the [Google Play Store](#) and [App Store](#)
- Built a **React** web portal enabling merchants to configure their beacon settings with live updates within the app

**Canadian Face Masks** | *Co-Founder – Toronto, Canada* April 2020 – August 2021

- Utilized **Python** and **Pandas** to automatically process over 5,000 customer orders in preparation for fulfilment
- Designed the website and organized and oversaw CFM's supply chain for manufacturing, packaging, and shipping; built the capacity of 1,200 orders per week
- Generated \$XXX,XXX in revenue by manufacturing and selling Canadian-made face masks to combat price gouging; featured in [numerous television news programs and articles](#) including Global News, CTV, and Breakfast TV

**TouchBistro** | *Full-Stack Software Engineering Intern – Toronto, Canada* May 2019 - August 2019

- Improved efficiency of internal frontend development by establishing a shared **React** component library that is used across TouchBistro
- Collaborated within an agile team to engineer a **React** remote menu management system, allowing restaurant owners to edit their menu online, resulting in an enhanced customer experience
- Increased reliability and code confidence by building **TypeScript** unit and integration tests

**TapMango** | *Software Engineering Intern – Toronto, Canada* May 2018 – August 2018

- Increased the speed of the mobile app by 200% & added new features by rebuilding the app with **Angular**, **Cordova** and **JavaScript**; collaborated closely with the design team to bring designed mock-ups to life
- Generated over 50,000 sales leads by leveraging **Python** and **Selenium** to create an automated web scraper
- Utilized **Python** to build an automated mobile app generator of brand-customized iOS and Android apps with automated submission to the App Store; generated over 7,000 custom apps to date

## PROJECTS

**Fluttergram** ([Open Source - 1,800+ stars, 500+ forks on GitHub](#))

- Leveraged **Flutter**, **Dart** and **Node** to develop an **open sourced**, cross platform app, which gained widespread usage and acts as the go-to social media resource for new developers learning Flutter

**Karaoke Party** ([First Place out of 600+ submissions](#) | [Hack the North2020++](#))

- **Won Canada's largest hackathon** by developing a real-time competitive Karaoke experience comprising of live video calling and an audio comparison algorithm; utilized **React** and **JavaScript**

Notable project achievements: First place overall at **S:/Hacks (2020)**, Second place overall at **Hack Western 7 (2020)**

## LEADERSHIP

**Western Founders Network**, *VP of Education* September 2018 – March 2020

- Grew club participation by 65% through motivating a team of seven directors and leading them in preparing and presenting educational seminars on technology, business, and entrepreneurship to university students

**Interests:** Kiteboarding, tennis, and scuba diving