

# Christopher Mazzuca

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Machine learning engineer with an MBA, known for bridging the gap between technical and non-technical audiences. Comfortable liaising with diverse stakeholders from front-line staff to executive leadership teams to plan projects in an agile development process across the team's resources and constraints.

- Product management
- Web development
- AI & machine learning
- Agile and lean processes

## EDUCATION

**Rotman School of Management, University of Toronto, Toronto, Ontario**

**Master of Business Administration (MBA), 2022**

- 3.62 GPA, Peter Godsoe/Scotiabank Scholarship (2021), and Jeffrey Skoll BSc/MBA Award (2020-2022)
- Major in Strategy, Entrepreneurship, and Management
- Worked full-time during the program, member of 7 clubs (i.e., Finance and Entrepreneurship), tutored several courses

**University of Toronto, Toronto, Ontario**

**Bachelor of Applied Science (BAsc) - Engineering Science, 2020**

- 3.68 GPA, President's Scholarship (2016-2020)
- Major in Artificial Intelligence and Machine Learning, published a thesis alongside Prof. Anthony Niblett (AI + Law)
- Member of 3 clubs, consulted for North York General Hospital to optimize ER throughput

## PROFESSIONAL EXPERIENCE

**Insig Health – a WELL Health company (TSX: WELL), Toronto, Ontario**

**Business Analyst, 2019 – 2022**

**Product Manager, 2022 – Present**

- Implemented in-platform billing solutions for doctors that led to a roughly 50% increase in captured revenue
- Worked with the software and business development teams to create and develop a new doctor onboarding flow (reducing onboarding dropoff by 18%), and implementing patient review systems
- Developed real-time logging for evaluating the health of the live product by tracking key metrics, catching errors before they affected users and enabling the software team to target bugs more quickly upon product releases

**Engineering.com, Toronto, Ontario**

**Full Stack + AI Engineer, May – August 2019**

- Led development of an AI-powered article recommendation system based on user preferences, increasing user engagement rate (i.e., likes) by roughly 15%
- Collaborated with other developers to restructure aspects of the user experience, including adding a "Related Articles" section, significantly reducing the bounce rate across the site

**Jablonsky, Ast & Partners, Toronto, Ontario**

**Software Engineering Lead, 2017 – 2018**

- Designed and built software prototype that automated the manual data entry workflow (improving the accuracy of the process by 6%), and presented findings to one of the partners and the recommendations were adopted
- Implemented this solution across the company, saving roughly 80 working hours per month

## ADDITIONAL INTERESTS AND ACHIEVEMENTS

- Co-founded ShiftAI (a decision tool for NHL teams powered by machine learning), and Sked Inc. (an aid for employees that automated scheduling and payroll)
- Advanced experience in machine learning frameworks (PyTorch, TensorFlow), coding languages (Python, C, JavaScript, Java, Node.js), AWS, SQL, and web development frameworks (Angular, Vue.js)
- Member of the Creative Destruction Lab (CDL), peer tutor, mentor, and a judge for the Hatchery pitch competitions
- Fluent in Italian; intermediate knowledge of French
- Avid reader of fiction and non-fiction, and very active (i.e., hockey, exercising)