Christopher Mazzuca

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EDUCATION

Rotman School of Management, University of Toronto, Toronto, Ontario
MBA Candidate, 2022
- Recipient of the Peter Godsoe/Scotiabank Scholarship in Financial Engineering, and Jeffrey Skoll (BASc/MBA) Award
- Member of Rotman Entrepreneurship and Venture Capital Association, BASc-MBA Association, Rotman Finance Club
- Judge for the Hatchery (incubator) Pitch competition – evaluated pitches from startups and selected winner

University of Toronto, Toronto, Ontario
Bachelor of Applied Science (BASc) - Engineering Science, 2020
- Major in Artificial Intelligence and Machine Learning – GPA: 3.68 / 4.00, President's Scholarship
Law and AI Thesis, 2019 – 2020
- Worked with Prof. Niblett, Canadian courts and the Canadian Legal Information Institute to develop a unique dataset
- Predicted legal citations strictly from text using AI models built in PyTorch, outperforming baseline NLP models
AI Consulting for North York General Hospital, 2019
- Provided hospital leadership with more visibility into patient flow and resource allocation within the Emergency Department
- Collaborated as a team to develop Machine Learning models to help predict patient flow and optimize resource allocation

EXPERIENCE

WELL Health Technologies, Toronto, Ontario
Business Analyst, 2019 – Present
- Liaising with key customers and partners in understanding requirements within several critical projects, and planning solutions in an agile development process across the team's resources and constraints
- Collaborating with the product management team to develop novel features to software including doctor billing and patient reviews, enabling management to make data-driven decisions about customer success

Engineering.com, Toronto, Ontario
Full Stack + AI Engineer, May – September, 2019
- Led project to develop an AI-powered recommendation system for articles based on user preferences
- Collaborated with other developers to restructure user experience, including adding a "Related Articles" section using Natural Language Processing (NLP) techniques, significantly reducing the bounce rate

Jablonsky, Ast & Partners, Toronto, Ontario
Software Engineering Lead, 2017 – 2018
- Designed and built software that automated the manual data entry workflow using VBA, automatically creating human-level AutoCAD drawings from structural calculations
- Implemented the solution across the company, saving about 80 working hours per month, and introduced a more robust design process

NOTABLE PROJECTS

ShiftAI, 2018 – Present
- Co-founded initiative to introduce AI and Machine Learning analysis into the NHL with models built in Python, and published a website (shiftai.ca) using Angular that demonstrates our analyses

Sked Inc., 2015 – 2017
- Created a software tool that automated scheduling for companies, and planned to introduce payroll for employees

ADDITIONAL INTERESTS AND SKILLS

- Advanced experience in Machine Learning Frameworks PyTorch and TensorFlow
- Advanced in Python, C, JavaScript, Node.js, backend (AWS, SQL) and frontend frameworks (Angular, Vue.js)
- Fluent in Italian; intermediate knowledge of French