Christopher Mazzuca
Artificial Intelligence Engineer (Candidate)

Education

BASc in Engineering Science (3ʳᵈ year, in progress) **September 2016 – Present**
University of Toronto
- Specializing in Artificial Intelligence

Experience

Software Engineering Consultant **April 2017 – Present**
Jablonsky, Ast and Partners
- Created and designed a software that transforms data in Excel into AutoCAD drawings and designs structural features with 100% accuracy.
- Contracted to produce specific Engineering software, including mobile applications.

Customer Service Representative **June 2015 – September 2016**
LASH Group of Companies
- Contacted homeowners, and coordinated tradesmen for repairs to condominiums.
- Scheduled and created reports on all condominium repairs (completed or outstanding).

Projects

Hockey Analytics AI **September 2018 – Present**
- Created a tool to analyze and predict the statistics and performance of a professional hockey player, which can be used to evaluate a team's roster.
- Applied *PyTorch*, with CNN models (and self-collected data) to develop the tool.

Autonomous Robot **January 2018 – April 2018**
- Built an autonomous robot to sort various-sized objects into storage cabinets.
- Collaborated with a team of three students. Responsible for the programming, design and circuitry of the robot (coded in *C*).

Founder of Sked Inc. **May 2017 – Present**
- Developed a web framework with the goal of automating scheduling for the retail industry (using *Angular 4* and *Django* for the front-end and back-end of the application).

Technical Skills

Machine Learning Frameworks: PyTorch, TensorFlow

Programming Languages: Python, C, Typescript, HTML, VBA, MATLAB, LISP

Web Development & Databases: Angular 4, Django, Node.js

Other: Excellent leadership, time management, communication and teamwork skills

Other

- Organized Men's Intramurals for the Engineering Faculty at the University of Toronto.
- Judged an Engineering Design Competition at the high school level.
- Recipient of the President's Entrance Scholarship at the University of Toronto.