


ISIDOR KAPLAN

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ABOUT ME

I am a second-year computer engineering student at the University of Toronto with a particular interest in machine learning, programming, software-design and entrepreneurship. I am on the dean's list for all academic terms to date and a recipient of the University of Toronto Scholars Award and FASE First Year Summer Fellowship. In summer 2020, I worked for the iQua research group and co-wrote three (3) research papers on Deep Reinforcement Learning.



EDUCATION

Bachelor of Applied Science, Computer Engineering | University of Toronto

2019 – PRESENT, 4.0 CGPA

High School Diploma | Thornhill Secondary School

2015 – 2019



AWARDS

- Recipient of the University of Toronto Scholars Award in 2020-21 academic year
- Recipient of the FASA (Faculty of Applied Science) First Year Summer Fellowship
- Dean's List for all academic terms to date
- Received 'Board Proficiency Award' for the highest Grade 12 marks in the school.



EMPLOYMENT

Academic Researcher in Reinforcement Learning | University of Toronto

SUMMER 2020 – FULL TIME

- Helped design and apply Deep Reinforcement Learning algorithms under the supervision of Prof. Baochun Li within the context of networking problems, including congestion control, edge computing and network-adaptive coding.



PROJECTS

- Originated a machine learning project for METSCO Power Inc as part of Engineering Strategies and Practices course; led team on design project. First student (10+ years) to take initiative and bring their own project to the course.
- Implemented an Alpha-GO inspired Machine Learning algorithm for board game Reversi. Received certificate for program ranking within top 10 in the class of 300+ students.
- Implemented a large 300+ class gaming plugin in Java as a CS project in high school, which I then sold online at a profit.



SKILLS

- Programming with C, Java and Python
- Analytical and Mathematical aptitude
- Git, Linux, Bash
- Machine Learning
- Leadership and Teamwork skills
- Introductory Verilog