

Christopher Dryden

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Skills Summary

- Experience in C++ and Python - Projects available upon request
- Advanced VBA and SAS Macro experience
- Tensor Flow Image Processing and Theano Neural Network experience
- 9 Years of Spanish - Lived in Peru for 5 years and Guatemala for 4

Experience

Research in Natural Language Processing/AI - University of Toronto

Toronto, Ontario / Lima, Peru — September 2017-Present

Under the supervision of Prof. Chirag Variawa doing research in NLP techniques for reviewing student feedback. Working on clustering and visualization techniques for sentiment and context. Paper being published this summer in the CEEA conference.

Computer Vision and AI Lead, UofT Aerospace Team - UAV

Toronto, Ontario — May 2017- Present

Developing autonomous systems for object recognition for ground objects and integration of vision systems with avionics equipment.

Data Analyst, Loblaw's Companies Limited

Brampton, Ontario — May 2017- September 2017

In charge of validating data integrity of WMS and SAP systems through neural network models and chronological analysis to create reports and recommend changes to the Standard Operating Procedure. All analysis performed in SAS and Python and reports created in VBA.

Accomplishments:

- Created report that used multiple neural networks to validate and cross reference warehouse data to identify errors,culminating in over 70,000\$ in savings for a single month

Director of UofT Undergraduate Engineering

Toronto, Ontario — April 2017-Present

Elected as the representative of the engineering discipline, responsible for meetings with the administration and organizing events during the year. Previously the chair of the first year class

Accomplishments:

- Finance committee chair (Multimillion dollar corporation)

Education

University of Toronto: Computer Engineering Program

Machine Intelligence Minor

Undergraduate Degree — 2016-2020

Awards

- Winner of RUHacks (Ryerson Hackathon) - Sole Team Programmer
- First Place in BA Data Analytics Case Competition MIE
- Sears Innovation Challenge Winner - Eng Hacks (Waterloo Hackathon)
- Third Place RBC Next Great Innovator Challenge
- First Place Machine Learning Drone Hackathon
- Telus IOT Hackathon Winner
- THacks 2 Winner Data Science Prize