JARED ARCILLA

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EDUCATION

Double Degree Program - 4th Year   Expected: August 2021
Bachelor of Mathematics (Statistics) - University of Waterloo
Bachelor of Business Administration (Finance) - Wilfrid Laurier University

SKILLS

Languages	Python, SAS, R, SQL
Machine Learning	PyTorch, Keras, TensorFlow, scikit-learn, StatsModels
Visualization	Tableau, Matplotlib, Bokeh

EMPLOYMENT

Deloitte - Omnia AI   January 2019 - April 2019
Data Science Analyst

- Prototyped an algorithm that recognizes misuse of company logos on webpages using OpenCV and Pytorch resulting in a contract with a client

- Engineered a logistic regression model for a client to provide insight into their customers' journey

- Pitched image recognition software that converts hand-drawn diagrams to Powerpoint slides for an Omnia AI contest using Google Cloud APIs and OpenCV

CIBC Digital - Insights and Analytics   January 2018 - April 2018
Junior Analyst

- Built interactive executive reports used for a multi-million dollar project using Tableau

- Implemented a web scraper for the cibc.com domain using Python, Selenium and Pandas, saving the company 200+ man hours

PROJECTS

Dog Image Generator   February 2019

- Implemented computer vision algorithm that generates realistic images of dogs using PyTorch

- Referred to DCGAN and GAN research papers to improve the algorithm's effectiveness

Sentiment Analysis for IMDB Reviews   September 2018

- Designed a model to predict the sentiment of a review

- Used Keras to implement word embeddings, CNN and LSTM layers to achieve accuracy of 86% on validation data

INTERESTS

Clubs	KW Bonsai Society, Archery Club
Hobbies	Calligraphy, Chess, Movie Buff