JARED ARCILLA

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SKILLS

Skills	Data Analysis, Data Visualization, Machine Learning, Natural Language Processing
Technologies	Sklearn, Keras, Tensorflow, Tableau, PySpark, d3
Languages	Python, C, SQL, Javascript

EMPLOYMENT

CIBC Digital   January 2018 - April 2018
Junior Analyst

- Visualized data from a multi-million dollar project using Tableau

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

- Validated numbers of data visualizations using complex SQL queries

PROJECTS

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 the best results

- Highest achieved accuracy on validation data is 86%

Pokemon Winner Predictor   March 2018

- Trained a Random Forest Classifier to predict the outcome of a Pokemon battle

- Applied feature engineering to capture the type advantages between two Pokemon, raising the accuracy by 10%

Ethereum Predictor Competition - 3rd/40+ participants   February 2018

- Trained a model to predict the prices of Ethereum several months ahead

- Model was designed to have stacked LSTM layers followed by Dense layers

HONOURS AND AWARDS

On the Spot Award   April 2018

- Given to CIBC Digital employees who have done extraordinary work for the company

- Recognized for my web scraper project as well as my data visualizations

Kik Case Competition - 2nd/250+ groups   November 2016

- Analyzed Kik's business environment and projected the success of our proof of concept

- Pitched my findings with my group in front of crowd of over 100 people, including Kik's high-level executives

EDUCATION

DOUBLE DEGREE
Bachelor of Mathematics (to major in Statistics) - University of Waterloo   Sept 2016 - May 2021
Relevant Courses: Statistics, Introduction to Computer Science 2, Designing Functional Programs

Bachelor of Business Administration - Wilfrid Laurier University
Relevant Courses: Introduction to Managements and Business Organization, Functional Areas of the Organization