

JARED ARCILLA

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SKILLS

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

EMPLOYMENT

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|----------------------------------------------|---------------------------|
| CIBC Digital <i>Junior Analyst</i> | January 2018 - April 2018 |
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- Visualized data from a multi-million dollar project using Tableau
- Implemented a web scraper for the entire cbc.com domain using Python, Selenium and Pandas, saving the company 200+ man hours
- Validated numbers of data visualizations using complex SQL queries

PROJECTS

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| Sentiment Analysis for IMDB Reviews | April 2018 |
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- Designed a model to predict the sentiment of a review
- Used Keras to implement word embeddings and LSTM layers to capture the positional features of the reviews
- Highest achieved accuracy on validation data is 84%

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| Pokemon Winner Predictor | March 2018 |
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- 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%

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

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| On the Spot Award | April 2018 |
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- 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

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

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| Bachelor of Mathematics (to major in Statistics) - University of Waterloo | Sept 2016 - May 2021 |
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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