ROBBIE MEYER

WORK EXPERIENCE

Data Scientist at League   Sep 2019 - Dec 2019
- Created a content based recommendation system to increase user engagement by helping users find products and content most relevant to their health needs
- Developed Airflow pipelines and Tableau visualizations to monitor KPIs
- Analyzed A/B test results and communicated user impacts to stakeholders
- Calculated user level and aggregate usage statistics for an end of year marketing campaign sent to all users

Data Scientist at Kik   Jan 2019 - Apr 2019
- Improved training data and added new features to improve precision and recall of anti-spam machine learning models using SQL, Spark, XGBoost and Pandas
- Redesigned the testing process for developing the anti-spam models to reduce development time and ensure all future improvements are tested adequately
- Analyzed data to monitor the impact of spam and the anti-spam system on users

Web Developer at Viryl Technologies   May 2018 - Aug 2018
- Developed metrics, fault data monitoring and more features using PHP and JavaScript for ADAPT, a web portal that provides tools for managing vinyl presses
- Introduced new processes and tools into the workplace to improve development efficiency and code quality

Web Developer at Mitremedia (ETFdb.com)   Sep 2017 - Dec 2017
- Built and updated features such as an ETF screener using Ruby on Rails
- Optimized existing code to lower the average server response time by 20%

Assistant Programmer at Environment Canada   Jan 2017 - May 2017
- Wrote Bash scripts to automate the management of meteorological data
- Investigated data anomalies to isolate problems in complex climate models

PROJECTS & EXTRACURRICULARS

Twitgen (robbiemeyer.com/twgn)   Nov 2019
- Adapted and tuned a Tensorflow model to generate tweets using the linguistic style of specific Twitter users

Winner of Kik Data Challenge at Hack the North (robbiemeyer.com/kdc)   Sep 2018
- Identified spammers in high-dimensional data with 99.98% accuracy using machine learning techniques such as K-means clustering

Ontario Election Analysis (robbiemeyer.com/oea)   Jul 2018
- Analyzed the 2018 Ontario Provincial Election results and the 2016 Canada Census to test the plausibility of claims about election trends

SKILLS

Languages
- Python
- Bash
- MATLAB
- PHP
- SQL
- JavaScript
- HTML + CSS
- Ruby

Frameworks and Tools
- Pandas
- Git
- Tableau
- Firebase
- Spark
- Jupyter
- Google Analytics
- Rails

ACHIEVEMENTS
- Sandford Fleming Foundation Exchange Scholarship
- Term Dean's Honour List for all completed terms

EDUCATION

National University of Singapore
Exchange Student
Jan 2020 - Apr 2020

University of Waterloo
3B Systems Design Engineering
Sep 2016 - Apr 2021

Online Courses
Machine Learning by Stanford University on Coursera
Sep 2017 - Dec 2017

Deep Learning (ud730) by Google on Udacity
Jan 2018 - Apr 2018

INTERESTS
- Baking (especially pies)
- Board games