ROBBIE MEYER

WORK EXPERIENCE

Backend Developer at Splunk   May 2020 - Aug 2020

- Developed features for a new cloud-native user and entity behaviour analytics security solution using Java, Spring and Pulsar
- Planned and executed a research project that explored the viability of using behaviour patterns to classify entities
- Collaborated remotely with a large scrum team to develop and test a new product

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 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%

PROJECTS

Twitgen (robbiemeyer.com/twgn)   Nov 2019

- Adapted and tuned a Tensorflow model to generate tweets using the linguistic styles 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

SKILLS

Languages

- Python
- Java
- MATLAB
- PHP
- SQL
- R
- JavaScript
- Ruby

Frameworks and Tools

- Pandas
- Git
- Tableau
- Firebase
- Spark
- Jupyter
- Spring
- Rails

ACHIEVEMENTS

- Sandford Fleming Foundation Exchange Scholarship
- First in class for 2A and 2B academic terms
- Term Dean's Honour List for all completed terms

EDUCATION

University of Waterloo
4B Systems Design Engineering
Cumulative GPA of 92.76%
Sep 2016 - Apr 2021

National University of Singapore
Exchange Student
Jan 2020 - Apr 2020

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

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