Michelle Yoo

3B Joint Statistics & Computer Science at UWaterloo

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EXPERIENCE

Data Engineer, Toronto, CA   Jan 2017 - Apr 2017

Scotiabank — Network Analytics & Machine learning

- Applied graph theory and statistical analysis to provide actionable insights to internal clients
- Designed algorithms based on NLP and machine learning
- Gained working knowledge of the Hadoop ecosystem
- Built and optimized data flows to bridge other systems with Hadoop

Data Scientist, Seoul, KOR   Aug 2015 - Apr 2016

MINDs Lab — Analytics Technology Division

- Applied Text Classification algorithms including TF-IDF, K-Means Clustering, HMD and Deep Learning
- Developed working knowledge in Speech Recognition and NLP through transcription of customer service calls
- Enhanced Text Analytics application by implementing document summarization program in Python

IT Business Analyst, Toronto, CA   Jan 2015 - Apr 2015

TD Bank — Debit Payment Organization

- Assessed and communicated application, organization and document readiness for application deployment
- Analyzed job processes for Access Card and ATM applications

Big Data Analyst, Seoul, KOR   May 2014 - Aug 2014

MINDs Lab — Analytics Technology Division

- Built and distributed monthly analysis reports of Facebook Pages for LG Electronics and Samsung Electronics in 43 countries
- Performed Social Data Analytics with News, Blogs and Twitter data to analyze market trends and Voice of the Customer in various industries

SUMMARY

Programming Languages:
  Python (NumPy, SciPy, Pandas, Matplotlib), R, C++, C, Java

- Strong analytical and logical thinking skills obtained through internship in Data Science and Machine Learning
- Fast-learner who can work under pressure with minimal supervision

EDUCATION

University of Waterloo
Sep 2013 - Present

- Honours Computer Science with Business Option
- Joint Honours Statistics

Coursera
Aug 2016 - Present

- Machine Learning
- Natural Language Processing

ACTIVITIES

Data Science Club
Aug 2016 - Present

- VP of Internal Affairs

LANGUAGES

Native in English and Korean

Working proficiency in Japanese