

Frankie Cancino III

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Education

University of Minnesota - Twin Cities
Master of Science (MS) in Business Analytics
Expected Graduation: 2020

University of Missouri-Columbia
Major: Bachelor's of Science in Information Technology
Minors: Business & Computer Science
Class of Spring 2017

Experience

MIPS – Engineer - Data Scientist

Target (February 2018 – Present) Minneapolis, MN

- Combined the matrix profile and deep learning methods to produce an intelligent anomaly detection system
- Optimized Keras deep learning models and architectures for NVIDIA Tesla GPU training
- Conducted experiments with various machine learning methods such as a Seasonal ARIMA method (R), GRU (Python), and LSTM layers combined with a Dense block (Python) to forecast business metrics
- Created an enterprise chatbot to assist on-boarding new employees with Logistic Regression, TF-IDF vectorization, and Dense layers using Keras

EDABI BigRED - Data Engineer

Target (July 2017 – February 2018) Minneapolis, MN

- Researched, packaged, & deployed deep learning frameworks across 1,000+ nodes
- Installed Slurm WLM for deep learning training across a multi-node NVIDIA GPU cluster

Core Technology Assistant

Influence & Co. (February 2017 – May 2017) Columbia, MO

- Built a virtual assistant with artificial intelligence capabilities using Pandorabots and AIML

Technical Skills

Python, Keras, Flask, Pandas, Tensorflow, Numpy, R, Machine Learning, Deep Learning, Matrix Profile, Predictive Analytics, Big Data (Hadoop), Git, Apache Hive, C, & MySQL

Events & Projects

- Data Science Education - Provided educational content related to data science topics to team members throughout Target (lectures, talks, code examples, videos)
- Open-sourced matrixprofile-ts via PyPi (github.com/target/matrixprofile-ts)
- Data Science Minneapolis - Started a community and Meetup group in Minneapolis geared towards data science topics including artificial intelligence, machine learning, deep learning, natural language processing, computer vision, and more.