Frankie Cancino III

Senior Artificial Intelligence Scientist
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Kaggle: https://www.kaggle.com/frankiecancino

Education

University of Minnesota - Twin Cities
Master of Science (M.S.) in Business Analytics

University of Missouri - Columbia
Major: Bachelor of Science (B.S.) in Information Technology
Minors: Business & Computer Science

Experience

Role: Senior AI Scientist - Target AI
Company: Target (July 2020 – Present) Sunnyvale, CA
- Developed an enterprise Inventory Planning and Control (IPC) demand forecasting system

Role: Senior Engineer - Platform Analytics
Company: Target (February 2018 – July 2020) Minneapolis, MN
- Created an intelligent anomaly detection system reducing Mean Time To Recovery (MTTR)
- Conducted time-series analyses with various methods such as a Seasonal ARIMA, an LSTM neural network, & Stacking ensemble implementation to forecast hundreds of thousands of metrics
- Developed a streamlined machine learning platform for training and inference

Role: Data Engineer - Data Sciences
Company: Target (July 2017 – February 2018) Minneapolis, MN
- Researched, packaged, & deployed deep learning frameworks across 1,000+ node Hadoop cluster
- Deployed a workload manager for deep learning training across a multi-server NVIDIA GPU cluster

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Technical Skills

Subjects: Machine Learning, Deep Learning, Predictive Analytics, Big Data, Exploratory Analysis, CI/CD, & Time Series Analysis
Languages: Python, R, SQL, Java, C/C++, HTML & CSS
Libraries & Frameworks: Keras, Flask, Pandas, Jupyter, Tensorflow, Numpy, PySpark, SparkR, Hadoop, Git, Drone, dplyr, ggplot, Docker, MySQL, PostgreSQL, Grafana, & Hive

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Conferences & Projects

- Open-sourced matrixprofile-ts via PyPi (github.com/target/matrixprofile-ts)
- Presented at Re-Work Deep Learning Summit Montreal & Applied AI Summit San Francisco
- Joined Target's open source office, reviewing and publishing projects related to machine learning
- Member of Target's tech advisory group dedicated to guiding senior leaders on new technology efforts
- Data Science Minneapolis: Founder of the popular Meetup group. Working on machine learning, deep learning, natural language processing, computer vision, & much more.
- Data Science Education: Provided educational content related to data science topics to employees throughout Target (lectures, talks, workshops, etc.)
- Placed in the 92nd percentile for the Google Store Kaggle Competition