

Frankie Cancino III

Data Scientist - Machine Learning

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Education

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

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

Experience

Role: Data Scientist - Autonomous Driving & Connectivity

Company: Mercedes-Benz Research & Development (January 2021 – Present) Sunnyvale, CA

Role: Senior AI Scientist - Target AI

Company: Target (July 2020 – January 2021) Sunnyvale, CA

- Developed an enterprise Inventory Planning and Control (IPC) demand forecasting system
- Improved forecasts using item similarity and clustering techniques

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

Technical Skills

Subjects: Machine Learning, Deep Learning, Predictive Analytics, Big Data, Exploratory Analysis, Anomaly Detection, & 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, Databricks, & Hive

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
- Former member of Target's tech advisory group, guiding executives on new technological efforts
- Former member of Target's open source office, reviewed & published projects related to machine learning
- Placed in the 92nd percentile for the Google Store Kaggle Competition