3155 Highgate Dr, Fort Mill, SC 29715
919-886-3774

Accomplished advanced analytics expert and consultant. Proficient programmer, developer and artificial intelligence specialist. 12+ years experience problem solving, team leadership, and customer facing. Experienced public speaker and executive level presenter. Former Div. I college football player and lifelong academic.

Skills

Programming Experience:
Python, R, SAS, PySpark, Tensorflow/Keras, PostgreSQL, MS SQL Server

Key Experience:
AWS & Azure Cloud Computing Battle Tested
Machine Learning (Classification, DOE, Reinforcement Learning, Extreme GB, Random Forest)
Marketing and Customer Centric Analytics (Customer Retention Analysis, Customer Lifetime Value)
Risk Analytics (Credit Scorecard Development, Loss-Given Default)
Deep Learning (Convolutional NN, MLP, Auto-Encoders, GANs)
Text Analytics (NLP, Topic Extraction, Sentiment Analysis)
Model Management and Governance
Data warehouse (Analytics Data Mart, MDM)

Business Intelligence Experience:

Experience

APRIL 2018 - PRESENT

Sr. Cloud Analytics Engineer (OCP) / Microsoft Corp., Charlotte, NC

- Design and develop analytics based solutions for Microsoft Azure strategic partners (ISV & SI).
  - Facial recognition and image classification modeling specialist (CNNs, GANs)
  - Sales and product forecasting modeling specialist (Python Prophet)
  - Text analytics, audio transcription modeling specialist (NLTK)
  - Model lifecycle specialist (MLflow, AML Services)
  - Lead architectural designs for analytics based solutions
  - Team lead for Spark and big data focused engagements (Databricks)
  - Microsoft AI Community contributor (blogs, podcasts, hackfests)

APRIL 2016 - PRESENT

Co-Founder & Board Member / Fanalytical Inc., Chapel Hill, NC

- Served as VP of Data and Analytics (2016-18)
- Model Development
  - Customer/fan centric analyses: customer lifetime value, season ticket renewal models, product upsell/cross-sell models, product recommendation modeling, survey design and response models, fan segmentation, custom product and sales targeting analyses
  - Marketing analytics: sponsorship targeting analyses, personalized fan profiling, customer marketing journey, website activity and social media engagement analyses
- Analytics Platform Design
  - Product management and product roadmap maintainer