Michael Rodriguez

Data Scientist | 6 years experience

Contact: m.rodriguez@email.com | GitHub: /mrodriguez | Austin, TX

Education:

- MS in Data Science, University of Texas at Austin (2018)
- BS in Computer Science, Texas A&M University (2016)

Experience:

Senior Data Scientist - Spotify (2021-Present)

- Developed music recommendation algorithms using collaborative filtering and deep learning
- Built feature engineering pipelines processing 50TB+ of user interaction data
- Implemented MLOps workflows with Docker and Kubernetes on GCP
- Led cross-functional team of 4 engineers and 2 product managers

Data Scientist - Capital One (2019-2021)

- Created fraud detection models reducing false positives by 25%
- Designed A/B testing framework for credit card product optimization
- Built real-time scoring APIs using Python Flask and AWS Lambda
- Worked with large-scale financial datasets and regulatory compliance

Junior Data Scientist - Dell Technologies (2018-2019)

- Developed customer churn prediction models using machine learning
- Created dashboards and visualizations using Tableau and PowerBI
- Performed statistical analysis and hypothesis testing

Technical Skills:

- Programming: Python, SQL, Java
- ML Frameworks: scikit-learn, TensorFlow, PyTorch, LightGBM
- Cloud: GCP, AWS (Lambda, S3, EC2)
- Big Data: Apache Spark, Hive
- Databases: MySQL, PostgreSQL, BigQuery
- Visualization: Tableau, PowerBI, matplotlib, seaborn

Certifications: AWS Certified Machine Learning - Specialty, Google Cloud Professional Data Engineer