

Emily Rodriguez

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PROFESSIONAL SUMMARY

4 years of experience in data science and machine learning with focus on fintech and analytics. Expert in building predictive models and deploying ML solutions to production.

TECHNICAL SKILLS

Python • Machine Learning • TensorFlow • PyTorch • scikit-learn • SQL • Pandas • NumPy • Deep Learning • NLP • Computer Vision • AWS • Docker • Git • Jupyter • MLflow • Airflow

WORK EXPERIENCE

Senior Data Scientist - Financial Analytics Group

May 2021 - Present (3 years)

- Developed fraud detection model using ensemble methods with 95% accuracy
- Built credit risk assessment system processing 100K+ applications monthly
- Deployed ML models to production using Docker and AWS SageMaker

Data Scientist - Tech Analytics Inc.

Aug 2020 - Apr 2021 (9 months)

- Created customer churn prediction model improving retention by 25%
- Implemented recommendation engine using collaborative filtering
- Automated data pipeline using Python and Apache Airflow

EDUCATION

Master of Science in Data Science - University of Texas at Austin

2020