CURRICULUM VITAE

PERSONAL INFORMATION

Name: Sarah Johnson

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Location: New York, NY

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PROFESSIONAL SUMMARY

Data Scientist with 5+ years of experience in machine learning, statistical analysis, and predictive modeling. Expert in transforming complex data into actionable business insights. Strong background in NLP, computer vision, and deep learning frameworks.

TECHNICAL SKILLS

Programming: Python, R, SQL, Scala

ML/AI: TensorFlow, PyTorch, Scikit-learn, Keras, XGBoost, LightGBM

Data Tools: Pandas, NumPy, Spark, Hadoop, Airflow

Visualization: Tableau, Power BI, Matplotlib, Seaborn, Plotly

Cloud: AWS SageMaker, Google Cloud AI Platform, Azure ML

Statistics: Hypothesis Testing, A/B Testing, Bayesian Methods, Time Series Analysis

WORK EXPERIENCE

Senior Data Scientist | FinanceAI Corp | Apr 2021 - Present
• Developed fraud detection model reducing false positives by 35% and saving $2M annually
• Built NLP pipeline for sentiment analysis of customer feedback (95% accuracy)
• Led team of 3 data scientists on recommendation engine project
• Presented insights to C-level executives driving strategic decisions

Data Scientist | RetailTech Solutions | Aug 2019 - Mar 2021
• Created demand forecasting models improving inventory accuracy by 25%
• Implemented customer segmentation using clustering algorithms
• Built automated reporting dashboards used by 50+ stakeholders
• Collaborated with engineering team to deploy models to production

Junior Data Analyst | DataInsights Inc. | Jan 2018 - Jul 2019

- Performed exploratory data analysis on large datasets (10M+ records)
- Created SQL queries and ETL pipelines for data warehouse
- Developed interactive dashboards in Tableau for business teams

EDUCATION

Master of Science in Data Science
Columbia University | 2016 - 2018

Bachelor of Science in Statistics
University of Michigan | 2012 - 2016

CERTIFICATIONS

- Google Professional Machine Learning Engineer (2022)
- AWS Certified Machine Learning - Specialty (2021)

PUBLICATIONS

- "Deep Learning Approaches for Financial Fraud Detection" - IEEE Conference 2022
- "Customer Churn Prediction Using Ensemble Methods" - KDD Workshop 2021