

# SARAH MARTINEZ

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 San Francisco, USA



Portfolio

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## WORK EXPERIENCE

### Lead Data Scientist

Mar 2023 – Present

*Spotify (Remote)*

- Developed recommendation algorithms serving 500M+ users, improving engagement by 28% (Python, TensorFlow, Spark)
- Led cross-functional team of 8 data scientists in building real-time personalization systems

### Senior Machine Learning Engineer

Jun 2021 - Mar 2023

*Airbnb (Remote)*

- Built pricing optimization models generating \$45M additional revenue (Python, PyTorch, scikit-learn)
- Implemented A/B testing framework for ML model evaluation across 220+ countries

### Data Scientist

Jan 2019 - Jun 2021

*Salesforce (San Francisco, USA)*

- Created predictive analytics solutions for enterprise CRM platform (Python, SQL, Tableau)
- Developed NLP models for automated lead scoring and customer sentiment analysis

### Analytics Engineer

Aug 2016 - Dec 2018

*LinkedIn (Sunnyvale, USA)*

- Built data pipelines processing 50TB+ daily user activity data (Hadoop, Hive, Python)

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## TECHNICAL SKILLS

**Languages:** Python, R, SQL, Scala, Julia

**ML/AI:** TensorFlow, PyTorch, scikit-learn, XGBoost, Keras

**Big Data:** Spark, Hadoop, Kafka, Airflow, Databricks

**Core Strengths:** Machine Learning, Statistical Modeling, Data Engineering

## EDUCATION

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**Stanford University (Stanford, USA)**

Jun 2016

*Master of Science (M.S.), Computer Science - Machine Learning*

GPA: 3.9/4.0

## ADDITIONAL SKILLS & INTERESTS

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- **Skills:** Deep Learning, NLP, Computer Vision, Time Series Analysis
- **Interests:** Yoga, Hiking, Chess, The Wire, Breaking Bad, Cooking