

# Sophia Williams

Machine Learning Engineer

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## Profile

Machine Learning Engineer with 4+ years of experience in developing and deploying machine learning models for predictive analytics, natural language processing, and computer vision applications. Expert in Python, TensorFlow, and scikit-learn with a solid understanding of data preprocessing, model training, and model optimization techniques.

## Experience

08/2020 to Present

Machine Learning Engineer - AI Innovations, Austin, TX

- Developed and deployed machine learning models for customer behavior prediction.
- Implemented NLP models for text classification and sentiment analysis.
- Collaborated with data scientists to optimize models for performance and accuracy.
- Managed and preprocessed large datasets using Pandas and NumPy.

07/2017 to 07/2020

Data Scientist - Data Insights, Boston, MA

- Built and validated machine learning models for predictive analytics.
- Conducted feature engineering and model tuning to improve model accuracy.
- Worked with TensorFlow and scikit-learn to implement machine learning pipelines.
- Presented findings to stakeholders and provided actionable insights.

## Education

Master of Science: Data Science - 2017

Massachusetts Institute of Technology, Cambridge, MA

Bachelor of Science: Computer Science - 2015

University of California, Los Angeles, CA

## **Skills**

- Programming: Python, R
- Machine Learning Frameworks: TensorFlow, PyTorch, scikit-learn
- Data Manipulation: Pandas, NumPy
- Model Deployment: Docker, Kubernetes
- Cloud Platforms: AWS, Azure
- Database Management: MySQL, MongoDB

## **Certifications**

TensorFlow Developer Certificate

AWS Certified Machine Learning - Specialty