**Samantha Wilson**

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# Summary

Machine Learning Engineer with 9 years of experience in designing and deploying scalable AI models. Proficient in PyTorch, Deep Learning, and AWS. Passionate about solving complex problems using data-driven approaches.

# Skills

• PyTorch  
• Deep Learning  
• AWS  
• Scikit-learn  
• NLP

# Experience

**IntelliTech, Machine Learning Engineer** *Jan 2022 - Dec 2025*

• Developed a BERT-based NLP model for sentiment analysis with 92% accuracy.

• Optimized a reinforcement learning model for autonomous navigation.

• Collaborated with cross-functional teams to integrate models into production.

**AI Innovations, Data Scientist** *Jun 2018 - Dec 2021*

• Implemented a recommendation system using collaborative filtering for e-commerce.

• Developed data pipelines to preprocess large datasets for model training.

# Education

**Carnegie Mellon, M.S. in Computer Science** *2015 - 2016*

# Projects

• Developed a BERT-based NLP model for sentiment analysis with 92% accuracy.

• Implemented a recommendation system using collaborative filtering for e-commerce.

# Certifications

• Certified TensorFlow Developer

• AWS Certified Machine Learning – Specialty