Sajid Rehman

AI Engineer & Data Scientist

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PROFESSIONAL SUMMARY

Innovative AI Engineer and Data Scientist with expertise in machine learning, deep learning, and natural language processing. Passionate about developing AI solutions that solve real-world problems with a focus on ethical and responsible AI implementation.

EDUCATION

Master of Science in Artificial Intelligence

Stanford University, California | 2019 - 2021

GPA: 3.9/4.0 - Thesis: "Advanced Neural Network Architectures for Computer Vision"

Bachelor of Science in Computer Science

Massachusetts Institute of Technology | 2015 - 2019

GPA: 3.8/4.0 - Minor in Mathematics

SKILLS

Technical Skills:

Python, PyTorch, TensorFlow, Keras, Scikit-learn, SQL, NoSQL, R, Docker, Kubernetes, AWS, Azure

AI & ML:

Deep Learning, NLP, Computer Vision, Reinforcement Learning, Time Series Analysis, MLOps

PROFESSIONAL EXPERIENCE

Senior AI Engineer

Google AI | Mountain View, CA | January 2022 - Present

- Led a team of 5 engineers in developing state-of-the-art NLP models for search optimization
- Improved query understanding accuracy by 24% through transformer-based architectures
- Implemented MLOps pipeline reducing model deployment time from weeks to hours
- Collaborated with product teams to integrate AI solutions across company platforms

Machine Learning Engineer

OpenAI | San Francisco, CA | June 2021 - December 2021

- Contributed to the development of computer vision models for robotics applications
- Optimized model training processes resulting in 30% faster convergence
- Implemented ethical AI guidelines ensuring responsible AI deployment

PROJECTS

Autonomous Drone Navigation System

- Developed a computer vision system enabling drones to navigate complex environments
- Reduced collision incidents by 95% compared to previous navigation systems

Healthcare Prediction Platform

- Created ML models to predict patient readmission risks with 87% accuracy
- Deployed solution at three major hospitals, improving resource allocation