

JOB DESCRIPTION

Position: Senior Machine Learning Engineer
Company: AI Innovations Lab
Location: San Francisco, CA (Hybrid)
Experience Required: 3-5 years

ABOUT THE ROLE

We are seeking a talented Senior Machine Learning Engineer to join our growing A

REQUIRED SKILLS

Technical Skills:

- Expert-level Python programming
- Strong experience with Machine Learning frameworks (TensorFlow, PyTorch, Scik
- Deep Learning and Neural Networks
- Natural Language Processing (NLP)
- Computer Vision
- Data structures and algorithms
- SQL and NoSQL databases (PostgreSQL, MongoDB)
- Cloud platforms (AWS, Azure, or Google Cloud)
- Docker and Kubernetes
- Git version control
- REST API development
- Data Analysis with Pandas and NumPy
- Big Data technologies (Spark, Kafka)

Soft Skills:

- Strong communication skills
- Team leadership and mentoring
- Problem solving and analytical thinking
- Project management
- Collaboration and teamwork
- Adaptability and learning agility
- Attention to detail
- Time management

RESPONSIBILITIES

- Design and implement machine learning models for production environments
- Collaborate with data scientists and engineers to develop AI solutions
- Optimize model performance and scalability
- Lead technical discussions and code reviews
- Mentor junior team members
- Stay updated with latest AI/ML research and technologies
- Work with cross-functional teams to deliver high-quality products

QUALIFICATIONS

- Bachelor's or Master's degree in Computer Science, AI, or related field
- 3-5 years of experience in machine learning engineering
- Proven track record of deploying ML models in production
- Strong understanding of software development lifecycle
- Experience with Agile methodologies

PREFERRED QUALIFICATIONS

- Experience with MLOps and model deployment
- Knowledge of advanced statistics
- Contributions to open-source ML projects
- Publications in AI/ML conferences
- AWS or Azure certifications
- Experience with LLMs and Transformers

BENEFITS

- Competitive salary and equity