



SCRYAI

## Software Engineer, Machine Learning

*Summer/Fall Internship*

ScryAI builds innovative AI-based enterprise applications that enable clients to rethink and automate their data-driven and manually intensive business operations. ScryAI has products in automation of financial ops, banking, loan ops, healthcare and IoTs. We use cutting edge tools and technologies where AI meets human intelligence.

### Key Responsibilities

- Develop and implement machine learning models to solve business problems
- Build and manage end-to-end data science pipelines, including data preprocessing, feature engineering, model development, and deployment.
- Collaborate with cross-functional teams to integrate models into production environments
- Ensure models are scalable, accurate, and aligned with business objectives
- Work with both structured and unstructured data from various sources, including images, text, and sensor data.
- Continuously evaluate and improve model performance, ensuring that solutions are up-to-date with the latest advancements in AI/ML.

### Requirements

- Bachelor's and Master's degree in Computer Science or related field.
- Advanced proficiency in object-oriented programming in python.
- Hands-on experience with supervised, unsupervised, and reinforcement learning algorithms.
- Familiarity with deep learning architectures like CNNs, RNNs, Transformers, and ensemble models.
- Experience in model evaluation, hyperparameter tuning, and deploying scalable models.
- Strong knowledge of ML libraries/frameworks: TensorFlow, PyTorch, scikit-learn, Pandas, etc.
- Ability to write clean, modular, scalable, and production-grade code.
- Experience with version control systems (e.g., Git) and CI/CD pipelines.

- Experience handling large-scale datasets (structured and unstructured).
- Experience in building and deploying machine learning models in production environments.
- Strong aptitude for translating business problems into machine learning tasks.
- Ability to frame, experiment, and iterate solutions systematically.
- Excellent communication skills and the ability to work in a collaborative environment.

## **Good to have**

- Familiarity with data pipelines (Airflow, Spark, Kafka) and cloud platforms (AWS, GCP, Azure).
- Experience deploying models into production using REST APIs, batch inference, or streaming inference.
- Familiarity with containerization (Docker, Kubernetes) and model monitoring/logging tools.
- Passion for staying updated with the latest ML/AI research and industry trends.
- Ability to quickly prototype and learn new technologies or approaches as needed.
- Familiarity in using LLMs with effective prompt engineering techniques

## **Benefits**

- Competitive compensation
- 401(K) with employer contribution
- H1B and Permanent Resident sponsorship; Scry AI is an e-verify company ● Health, dental and vision insurance covered at 100% for employees ● Hybrid work style
- Stock options, annual bonuses, profit sharing plans
- Career development stipend
- Monthly wellness benefit
- Paid parental leave