

Job Description

JOB TITLE:	AI Engineer	COUNTRY:	USA
LOCATION:	Remote	ALT LOCATION:	UK
DEPT NAME:	Clinical Data Operations	DEPT NO:	20900
REPORTS TO:	Sr. Director	FLSA STATUS:	Exempt
JOB TYPE:	Temporary	WORK LOCATION TYPE:	Home Based
IS POSITION SUPERVISORY?	NO	BUDGET NUMBER:	209
% OF TRAVEL:	<10%	TRAVEL TYPE:	US Only
JOB LEVEL:	Analyst	DATE WRITTEN/REVISED	10062023

This Job Description summarizes the duties and/or characteristics of work performed. It does not include every detail of the job for every individual assigned to the position. This description will be reviewed periodically and revised as duties and responsibilities change with business demands. Other duties not listed above may be assigned as needed.

Brief Description:

We are seeking a passionate and skilled AI Engineer Intern to join our dynamic CDO team. In this role, you will design, develop, and optimize Retrieval-Augmented Generation (RAG) pipelines and intelligent AI agents. This is an exciting opportunity to work on state-of-the-art AI technologies and gain hands-on experience in solving real-world challenges

Essential Functions

- Design and implement RAG pipelines for retrieval and generation tasks.
- Build, fine-tune, and deploy AI agents for various applications, task automation, and decision support.
- Work with large language models (LLMs) like OpenAI GPT, Anthropic Claude, or similar, to enhance agent capabilities.
- Develop and integrate vector databases (e.g., Vespa, FAISS) for efficient information retrieval.
- Collaborate with cross-functional teams to identify project requirements and deliver AI solutions.
- Conduct experiments to evaluate model performance and optimize algorithms for accuracy and efficiency.
- Document technical workflows, findings, and best practices

Required Knowledge, Skills, and Abilities

Educational Background: Currently pursuing a master's degree in computer science, Artificial Intelligence, Data Science, or a related field.

Programming Skills: Proficiency in Python and experience with AI/ML libraries such as PyTorch, TensorFlow, or Hugging Face Transformers.

AI Expertise: Knowledge of LLMs, prompt engineering, and fine-tuning techniques.

Data Handling: Experience with building RAG pipelines, working with vector databases, and pre-processing large datasets.

Problem-Solving: Strong analytical and debugging skills.

Collaboration: Ability to work in a team-oriented, fast-paced environment.

Required/Preferred Education

- Knowledge of developing AI agents.
- Familiarity with APIs for cloud-based LLM services (e.g., OpenAI, or Google Bard).
- Knowledge of NLP techniques, embeddings, and knowledge graph integration.

Signed: _____
Position Holder, Position Title

Date: _____

Signed: _____
Line Manager, Line Manager Title

Date: _____