YOUR OBJECTIVES

As the leading expert, you and our team of Machine Learning, LLM, and NLP experts, as well as world renowned psychologists and researchers will pioneer the development of our domain-specific Large Language Model (LLM) for mental health care:

Design and architect an AI system with multiple large language models, including a main conversational agent and supplementary models for contextual support.

Steer the fine-tuning of language models on specific healthcare domains to ensure high relevance and accuracy in model responses.

Implement a RAG system to augment the conversational agent with relevant external knowledge and context.

Develop and manage datasets, ensuring data quality and compliance with data privacy regulations.

Establish performance metrics to evaluate model effectiveness and system efficiency.

Collaborate with cross-functional teams, including data scientists, data engineers, software developers, and product managers, to integrate AI models into existing platforms.

Stay updated with the latest advancements in AI, machine learning, and related technologies, applying this knowledge to improve system capabilities.

YOUR PROFILE

Must-Haves:

Bachelor's, Master's or PhD in Computer Science, Artificial Intelligence, Machine Learning, or a related field.

2+ years experience building and maintaining NLP/Large Language Models on scale

Strong experience in developing and deploying large language models and NLP applications.

Strong experience in fine-tuning LLMs

Proficiency in machine learning frameworks (e.g. TensorFlow, PyTorch).

Experience with retrieval-augmented techniques and knowledge-intensive NLP tasks.

Excellent programming skills in Python and familiarity with software development best practices.

Demonstrated ability to design and implement complex AI systems.

Excellent communication skills.

Nice-to-Haves:

Experience with cloud services (AWS, Azure) and managing scalable AI solutions.

Knowledge of data privacy laws and ethical AI use especially in the healthcare domain.

Publication record in AI/ML fields or active participation in relevant professional communities.