

Our company needs to hire an experienced and talented Machine Learning and Artificial Intelligence (ML/AI) Engineer. This role will be crucial to the development and implementation of cutting-edge AI products. Its responsibilities will include designing and constructing sophisticated machine learning models, in addition to improving and updating existing systems. The ultimate goal is to create efficient self-learning applications that can evolve over time. If you want to be at the forefront of machine learning innovation, we hope you'll join our team.

Typical Duties and Responsibilities

Design machine learning systems

Research and implement machine learning algorithms and tools

Manage and direct research and development processes to meet the needs of our AI strategy

Develop machine learning applications in alignment with project requirements and business goals

Perform machine learning tests and statistical analysis in order to fine-tune the machine learning systems

Select appropriate datasets and data representation methods

Extend existing machine learning libraries and frameworks

Train systems and retrain as necessary

Work with the engineering and leadership teams on the functional design, process design, prototyping, testing, and training of AI/ML solutions

Advise leaders on technology, strategy, and policy issues related to AI/ML

Education

Bachelor's degree in computer science, mathematics, or a related field

Required Skills and Experience

2+ years of experience applying AI to practical uses

Experience with deep learning, NLP, and TensorFlow

Experience writing robust code in Python, Java, and/or R

Experience in REST API development, NoSQL database design, and RDBMS design and optimizations

Knowledge of basic algorithms and object-oriented and functional design principles

Knowledge of data structures, data modeling, and software architecture

Knowledge of math, probability, statistics, and algorithms

Knowledge of machine learning frameworks such as Keras and PyTorch

Knowledge of machine learning libraries such as scikit-learn

Excellent communication skills

Strong analytical and problem solving skills

Preferred Qualifications

Master's degree in a relevant technology field

Experience with cloud environments