

Artificial Intelligence Engineer Job Description

The Job Overview

We are seeking a dedicated artificial intelligence engineer to join our growing company. You will work as part of a diverse team of software engineers, data scientists, and machine learning (ML) experts to develop new models and algorithms to apply artificial intelligence to solve real-world problems and change the future.

As an artificial intelligence engineer, you will be expected to have a keen interest in artificial intelligence, machine learning, and staying current with the latest developments in a rapidly changing field. Your duties will include collecting and analyzing data sets to identify patterns and develop predictive algorithmic models.

Responsibilities

Below are some of the responsibilities an artificial intelligence, machine learning engineer is expected to assume in their position:

- Design and develop AI models to meet project requirements
- Convert AI/ML models into APIs that other developers can use
- Perform statistical analysis on big data sets
- Manage project infrastructure and the development of AI models and projects
- Work with other machine learning engineers, data engineers, and AI engineers to develop machine learning models

Job Qualifications and Skill Sets

Below are the qualifications expected of an artificial intelligence engineer:

- Bachelor's degree or several years of experience in computer science, data science, software development, or another related field; a master's degree is recommended
- Solid understanding of common programming languages used in AI, such as Python, Java, C++, and R
- Advanced knowledge of statistical and algorithmic models as well as of fundamental mathematical concepts, such as linear algebra and probability
- Experience working with large data sets and writing efficient code capable of processing large data streams at speed

Familiarity with deep learning and machine learning algorithms and the use of popular AI/ML frameworks

Excellent communication skills