

AI Research Scientist Job Description template

AI Research Scientist Job Description Template/Brief

We are seeking an AI Research Scientist to join our innovative team. The AI Research Scientist will conduct research to advance the state-of-the-art in AI and develop new algorithms and models. This role involves collaborating with cross-functional teams to solve real-world problems using AI. The ideal candidate should possess a strong background in machine learning, excellent problem-solving skills, and a passion for AI research.

AI Research Scientist Job Profile

An AI Research Scientist focuses on developing new AI models and algorithms. They work on complex projects that apply AI to business challenges, turning cutting-edge research into viable solutions. This role requires a deep understanding of machine learning techniques, programming skills, and the ability to work collaboratively with a diverse team.

Reports To

The AI Research Scientist reports to the Head of AI Research or the Chief Technology Officer.

AI Research Scientist Responsibilities

- Conduct research to advance the state-of-the-art in AI and machine learning.
- Develop and implement new algorithms and models to solve specific problems.
- Collaborate with product teams to integrate AI solutions into products.
- Publish research findings in leading AI conferences and journals.
- Stay up-to-date with the latest developments in AI and machine learning.
- Mentor junior researchers and collaborate with academic partners.
- Design and conduct experiments to validate new models and algorithms.
- Collaborate with data engineers to improve data collection and analysis processes.

AI Research Scientist Requirements & Skills

- Ph.D. or Master's degree in Computer Science, AI, or related field.
- Strong background in machine learning, deep learning, and statistical modeling.
- Proficiency in programming languages such as Python, R, or C++.
- Experience with machine learning frameworks such as TensorFlow or PyTorch.
- Proven track record of publishing research in AI conferences or journals.
- Excellent problem-solving and analytical skills.
- Ability to work effectively in a team and communicate complex ideas clearly.