ML Engineer (Large Language Models) (m/f/d)

Description

ABOUT US

At BASF Digital Hub Madrid we develop innovative digital solutions for BASF, create new exciting customer experiences and business growth, and drive efficiencies in processes, helping to strengthen BASF´s position as the digital leader in the chemical industry. We believe the right path is through creativity, trial and error and great people working and learning together. Become part of our team and develop the future with us – in a global team that embraces diversity and equal opportunities.

JOIN THE TEAM

BASF is a leader in the chemical industry, driving innovation and sustainability through cutting-edge technology. We are currently seeking an experienced Machine Learning Engineer with a strong background in Large Language Models to join our growing team of AI Enthusiasts. In this role you will have the opportunity to leverage cutting-edge AI technologies to reshape the way we approach chemical research, development and operations. If you are passionate about Large Language Models, have a strong background in ML Engineering and enjoy working on cutting-edge topics, we would love to hear from you!

RESPONSIBILITIES

As a ML Engineer (Large Language Models), you will be responsible for:

- Designing, developing and deploying AI-based solutions using Large Language Models to address specific challenging use cases in various domains
- Collaborating with domain experts and cross-functional teams to understand domain-specific problems and identify opportunities for AI-driven innovation
- Integrating AI solutions into our existing workflows and platforms
- Continuously improving and optimizing AI models to enhance their accuracy, efficiency, and scalability
- Sharing your knowledge and expertise with colleagues and promoting a culture of AI-driven innovation within the organization

QUALIFICATIONS

- Master's degree or PhD in Computer Science, Data Science, Artificial Intelligence, or a related field
- Strong experience in working with deep learning architectures like transformers and related models (such as GPT-3 or similar models)
- Excellent programming skills in Python, and experience with machine learning frameworks such as TensorFlow or PyTorch
- Experience with cloud platforms (ideally Microsoft Azure), containerization technologies and with deploying and managing AI solutions in a cloud environment
- Excellent problem-solving, critical thinking, and communication skills

Hiring organization
Candidate-1st

Employment Type
Full-time

Beginning of employment
asap

Job Location
Madrid, ES

Working Hours
40

Base Salary
euro USD 60K - 112K *

Date posted
May 14, 2024

- Continuous learning to keep up with the rapid technological developments in the field of AI

NICE TO HAVE

- Proven track record of successful AI-driven projects, preferably in an industrial or research setting
- Experience in prompt engineering and fine-tuning large language models for specific applications, experience with frameworks like LangChain or LlamaIndex
- Experience with other AI technologies, such as natural language processing, reinforcement learning or computer vision
- Knowledge of data engineering and preprocessing, including handling large datasets and ensuring data quality
- Familiarity with AI ethics and responsible AI practices

BENEFITS

- A secure work environment because your health, safety and wellbeing is always our top priority.
- Flexible work schedule and Home-office options, so that you can balance your working life and private life.
- Learning and development opportunities
- 23 holiday days per year
- 5 additional days (readjustment)
- 2 cultural days
- A collaborative, trustful and innovative work environment
- Being part of an international team and work in global projects
- Relocation assistance to Madrid provided

At BASF, the chemistry is right.

Because we are counting on innovative solutions, on sustainable actions, and on connected thinking. And on you. Become a part of our formula for success and develop the future with us – in a global team that embraces diversity and equal opportunities irrespective of gender, age, origin, sexual orientation, disability or belief.

How the process will look like

Your teammates will gather all requirements within our organization. Then, once priority has been discussed, you will decide as a team on the best solutions and architecture to meet these needs. In continuous increments and continuous communication between the team and stakeholders, you're part of making data play an even more important (and understood) part withing Brand New Day.

Job Benefits

USD 60K – 112K *