2024 – AI Research Intern – LLMs (Mandarin Speaking)

Description

About the job:

We are looking for an AI Research Intern to work with our AI research team, participating in word-class research in the area of Intelligent Operations and Management of future Autonomous Telecommunication Networks, solving some tough challenges on applying the most advanced AI technologies like LLM in the telecommunication domain. The AI research team are working on production datasets in close collaboration with a team of Domain Experts and Software Engineers.

Large Language Models (LLMs) have recently demonstrated the remarkable potential of acting as autonomous agents for decision-making tasks. Their adoption in the telco domain is expected to help realise our vision of zero-touch autonomous networks.

As an AI Research Intern, your knowledge and experience in building compact multi-modal LLMs for general question-answering, reasoning and planning will be applied to the areas of network self-healing, i.e., fault localisation and troubleshooting, root cause analysis, fault remediation planning. We particularly encourage applicants with domain knowledge of telco network operations and management.

Responsibilities:

Identify the state-of-art of AI technologies (both in industry and in academic literature) for solving problems in the domain of Autonomous Telecommunication Networks. Emphasis is given on technologies of Large Language Models for general question answering and reasoning / planning for use cases of network self-healing.

Contribute to rapid and iterative development of validated software prototypes based on AI technologies, and benchmark alternative solutions.

Work closely with Domain Experts, Data Engineers, and AI researchers. Collaborate with product development teams and partners in Businesses to productionise AI technologies, including providing source code and design documents.

Requirements

- PhD in Artificial Intelligence or Machine Learning and/or Natural Language Processing.
- Hands-on or research experience with language model/large model technology, especially with Large Language Models.
- Hands-on or research experience with building deep neural networks.
- Good mathematics and statistics background.
- Strong programming skills in Python.
- Practical skills in the use of machine learning frameworks, i.e., Scikit-Learn,

Hiring organization
Candidate-1st

Employment Type
Full-time

Beginning of employment
asap

Job Location
Dublin, County Dublin, Ireland

Working Hours
40

Base Salary
euro Conferences

Date posted
June 6, 2024

Pytorch.
- Problem solving ability, and demonstrated ability to develop new algorithms and methodologies from leading open source initiatives and research papers.
- Strong skills in Chinese listening, reading, writing and understanding.
- Domain knowledge of telco networks is a great plus.
- Publication track records in machine learning and computer science conferences and journals, including, but not limited to, ICML, ECML, NIPS, AAAI, IJCAI, IJCNN is a great plus.

Benefits

Location: Dublin, Ireland

Job Benefits

Conferences