AT&T

Transformer Neural Networks for Natural Language Processing Internship

At AT&T we connect people to greater possibility with expertise, simplicity and inspiration. Our Network and Shared Platform Solutions (NSPS) organization is at the center of this purpose. Our mission is to Deliver automation, shared platform capabilities, and viable sourcing strategies to enable cost savings, quality and efficiencies. This role will influence the design and delivery of system automation capabilities across AT&T enterprise architects, engineers and managers across business units within the whole company. It will drive delivery of system automation enablers for key CTO and business initiatives 5G, RAN, 5G Core/NC, FN, SDN, Fiber, ROADM, Win Home. This includes driving towards a single source of truth network inventory platform enabled by leading industry CMDB platforms. This role will be integral in the Network Transformation initiatives driving new strategies, implementation of tooling and leading change.

Position Summary:
We are seeking a highly motivated student to join our team as an intern and work on **Transformer Neural Networks**. In this internship, you will have the opportunity to gain practical experience in designing and implementing deep learning models for natural language processing tasks.

Responsibilities
- Develop and implement deep learning models based on Transformer Neural Networks for specific natural language processing tasks such as machine translation, text classification, and text summarization.
- Evaluate and compare the performance of the developed models on various real-world datasets.
- Document the internship project in a technical report or presentation.

Requirements
- Should have been enrolled in a program in computer science or a related field with a focus on machine learning or natural language processing.
- Familiarity with deep learning principles and techniques.
- Knowledge of Python and experience with popular deep learning frameworks such as PyTorch or TensorFlow.
- Ability to work independently and in a team environment, with excellent communication and collaboration skills.

Details: 3-month contract

Start date: ideally June 2024

Location: This is a hybrid-flex worker position where our preference is for you to be present with your team in the office at least 1-3 times per week.

More info on [website.](#)

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