

Natural Language Processing (NLP) Intern

Location: Bangalore

Internship Duration: 2 to 3 months

Stipend: 7.5k to 15k per month

Possibility of conversion to full-time: Yes, performance based.

Company overview

ARCHLE Labs - Advanced Research Centre For Health And Life Science Engineering is a health tech R&D startup located in Bangalore. We aim to drive innovations to solve complex medical challenges and enhance human well-being.

Job Description

We are seeking a highly motivated NLP Intern to join our team and contribute to an exciting Generative AI project in the healthcare domain. This internship offers hands-on experience with cutting-edge NLP technologies and tools for document processing, text and voice understanding, large language models, conversational AI development, and other related tasks.

What we offer

- Hands-on experience working on real-world problems.
- Mentorship from experienced NLP scientists and engineers.
- Opportunity to contribute to impactful projects in healthcare, robotics, and generative AI.
- Potential for a full-time opportunity based on performance.

Key responsibilities

- Assist in developing, fine-tuning, and optimizing NLP models for text and voice-based applications.
 - Work with existing chat models like LLaMA, GPT, DeepSeek, and others to enhance conversational AI capabilities.
 - Apply prompt engineering techniques to improve response quality, contextual understanding, and task-specific performance.
 - Create, curate, and preprocess datasets for fine-tuning large language models (LLMs) to enhance chatbot performance.
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Qualifications & skills

Education

- Currently pursuing or have completed a Master's degree in NLP, AI, Data Science, Computer Science, Engineering, Statistics, or a related field.

Technical Skills

- Strong theoretical knowledge of NLP concepts, including word embeddings, sequence models, attention mechanisms, transformers, and language modeling.
- Proficiency in Python and experience with libraries like spaCy, NLTK, TensorFlow/PyTorch, and Hugging Face Transformers for text processing and deep learning.
- Experience with conversational AI platforms like LangChain and Rasa is a plus.

Soft Skills

- Eagerness to stay updated with the latest advancements in NLP and AI.
- Ability to break down complex problems and develop effective AI-driven solutions.
- Proactive approach to troubleshooting and optimizing AI models.

Work Samples/Projects

- Coursework, projects, or extracurricular activities that demonstrate an understanding of NLP and chatbots.
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How to Apply

Application Materials

- Submit your resume, cover letter, and any relevant project portfolios or links to code repositories.
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Join our team and contribute to solving real-world challenges leveraging the power of natural language processing! We look forward to receiving your application!