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## Senior NLP Engineer - (2300020933)

**Job:** Institutional Banking

**Primary Location:** Asia-Singapore-Singapore

**Schedule:** Full-time

**Employee Status:** Permanent

**Posting Date:** 04/Dec/2023, 4:29:00 PM

**Unposting Date:** Ongoing

### The Role Responsibilities

We are seeking a skilled NLP Engineer to join our dynamic team. This role involves developing and implementing NLP systems, focusing on document processing, information extraction and chatbot technologies, among other applications. The ideal candidate will possess a blend of traditional NLP expertise and experience with the latest Large Language Models (LLMs).

### Key Responsibilities:

Document Processing and Information Extraction:

- Develop and optimize NLP algorithms for document analysis, summarization, and

classification.

- Implement OCR and text/table extraction techniques for various document formats.

#### Chatbot Development:

- Design, build, and maintain chatbot solutions, integrating them with existing systems.
- Enhance chatbot performance using advanced NLP techniques for better user interaction.

#### Integration of LLMs:

- Work with state-of-the-art LLMs to enhance existing NLP applications with model fine-tune
- Research and experiment with new LLMs to stay ahead in the field.

#### Collaboration and Innovation:

- Collaborate with cross-functional teams to implement NLP solutions.
- Drive innovation by exploring new NLP methodologies and tools.

### Strategy

- Awareness and understanding of the Group's ESG strategy and model appropriate to the role.

### Business

- Awareness and understanding of how the ESG models operating in the Group

### Processes

- Responsible for developing some ESG-related NLP models

### Risk Management

- The ability to interpret the NLP models, identify key issues and put in place appropriate model controls and measures.

### Governance

- identify key Responsible AI related to the model developed

## Regulatory & Business Conduct

- Display exemplary conduct and live by the [Group's Values and Code of Conduct](#).
- Take personal responsibility for embedding the highest standards of ethics, including regulatory and business conduct, across Standard Chartered Bank. This includes understanding and ensuring compliance with, in letter and spirit, all applicable laws, regulations, guidelines and the Group Code of Conduct.
- Effectively and collaboratively identify, escalate, mitigate and resolve risk, conduct and compliance matters.

## Key stakeholders

- Sustainable Finance

## Our Ideal Candidate

- 5+ years of experience in Machine Learning and NLP
- Strong programming skills in particularly - Python is required
- NLP experience ideally in ESG domain
- Ideally working experience in Large Language Models (LLM)
- Bachelor's degree (or above) in Computer Science, Computing engineering, Mathematics, or a related field.
- Business Communication

## Role Specific Technical Competencies

- Data Science
- NLP document processing, information extraction and chatbot
- Data Analytics
- Programming skills, e.g., Python
- LLM, e.g., GPT, BERT, Llama
- DL frameworks, e.g., Torch, Tensorflow
- Cloud
- Production deployment
- API
- ESG

## About Standard Chartered

We're an international bank, nimble enough to act, big enough for impact. For more than 160 years, we've worked to make a positive

difference for our clients, communities, and each other. We question the status quo, love a challenge and enjoy finding new opportunities to grow and do better than before. If you're looking for a career with purpose and you want to work for a bank making a difference, we want to hear from you. You can count on us to celebrate your unique talents. And we can't wait to see the talents you can bring us.

Our purpose, to drive commerce and prosperity through our unique diversity, together with our brand promise, to be here for good are achieved by how we each live our valued behaviours. When you work with us, you'll see how we value difference and advocate inclusion. Together we:

- **Do the right thing** and are assertive, challenge one another, and live with integrity, while putting the client at the heart of what we do
- **Never settle**, continuously striving to improve and innovate, keeping things simple and learning from doing well, and not so well
- **Be better together**, we can be ourselves, be inclusive, see more good in others, and work collectively to build for the long term

**In line with our Fair Pay Charter**, we offer a competitive salary and benefits to support your mental, physical, financial and social wellbeing.

- **Core bank funding for retirement savings, medical and life insurance**, with flexible and voluntary benefits available in some locations
- **Time-off** including annual, parental/maternity (20 weeks), sabbatical (12 weeks maximum) and volunteering leave (3 days), along with minimum global standards for annual and public holiday, which is combined to 30 days minimum
- **Flexible working** options based around home and office locations, with flexible working patterns
- **Proactive wellbeing support** through Unmind, a market-leading digital wellbeing platform, development courses for resilience and other human skills, global Employee Assistance Programme, sick leave, mental

health first-aiders and all sorts of self-help toolkits

- **A continuous learning culture** to support your growth, with opportunities to reskill and upskill and access to physical, virtual and digital learning
- **Being part of an inclusive and values driven organisation**, one that embraces and celebrates our unique diversity, across our teams, business functions and geographies - everyone feels respected and can realise their full potential.

**Recruitment assessments** - some of our roles use assessments to help us understand how suitable you are for the role you've applied to. If you are invited to take an assessment, this is great news. It means your application has progressed to an important stage of our recruitment process.

Visit our careers website [www.sc.com/careers](https://www.sc.com/careers)

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