VACANCIES

CDB believes in elevating the lives of all Sri Lankans. Our focus is to employ and engage individuals who aspire to grow their careers within a renowned financial entity, working with a dynamic team of industry professionals who are dedicated to raising the bar and setting benchmarks in Sri Lanka's financial industry.

Machine Learning Engineer - Internship

We are looking for a motivated and technically skilled intern to join our team and assist in the development and deployment of large language model (LLM)-based applications. The intern will work with cutting-edge technology including Docker, LangChain, VectorDB, and Minikube, while helping to build the front end, using Bootstrap. The ideal candidate should be well-versed in Python and SQL, with a passion for learning and staying updated on the latest trends in machine learning.

Key Responsibilities

- Develop and deploy LLM-based Applications: Work with our team to design and implement applications that leverage large language models (LLMs)
- Technology Stack: Gain hands-on experience with tools like Docker for containerization, LangChain for building language model-powered workflows and VectorDB for efficient vector search
- Web Development: Build and maintain the front end of applications using Bootstrap, ensuring a responsive and intuitive user interface
- Container Orchestration: Work with Minikube to create local Kubernetes clusters for container orchestration, ensuring smooth deployment of applications
- Data Management: Utilize SQL for database management, querying, and optimization to support backend systems
- Machine Learning: Stay up-to-date with emerging trends and technologies in machine learning, ensuring the team is aware of and applying the latest advancements
- Collaboration: Collaborate closely with the development team to implement features and troubleshoot issues

Required Skills

- Proficiency in Python: Strong understanding of Python, especially in the context of machine learning and application development
- SQL Knowledge: Solid understanding of SQL for working with relational databases
- Containerization with Docker: Experience in using Docker for packaging applications and managing dependencies
- Familiarity with LangChain: Basic experience or willingness to learn LangChain for creating powerful language model workflows
- Experience with VectorDB: Knowledge or willingness to work with vector databases for semantic search
- Web Development with Bootstrap: Ability to create responsive, mobile-friendly web interfaces using Bootstrap

Qualifications

- Currently pursuing or recently completed a degree in Computer Science, Data Science, Engineering or a related field
- Demonstrated passion for technology and a keen interest in machine learning
- Strong problem-solving skills and the ability to work independently as well as part of a team

Desirable Skills (Plus)

- Tableau: Experience with Tableau for data visualization, especially for reporting and business insights
- Statistical Analysis: Understanding of statistical methods and their application in data analysis and machine learning models

Rewards and remuneration commensurate with qualifications, competencies and abilities, with a well-defined career path awaits those with ambition, motivation and a willingness to perform.

Please e-mail your CV together with contact details of two non-related referees indicating the position applied for in the "Subject" line of the e-mail to

✉ careers@cdb.lk

Citizens Development Business Finance PLC   HOTLINE **0117 388 388**

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