Artificial Intelligence Software Developer

Estágio

Development: Design, implement, and maintain software components for geospatial foundation models. Ensure that the developed features are robust, scalable, and efficient.
* Integration: Collaborate with software engineers to seamlessly integrate new features into geospatial foundation model components. Follow software engineering best practices to ensure high-quality code and system stability.
* Collaboration: Work closely with researchers, scientists, and domain experts to understand their needs and provide technical support. Assist in designing experiments and simulations that align with their research goals.
* Documentation: Create technical documentation, including design specifications, user guides, and API documentation, to facilitate the integration and usage of new components.
* Innovation: Contribute to the identification of research directions, methodologies, and potential applications for geospatial foundation models.
* Undergraduate students that will finish the course in the middle of 2026 or afterwards.
Background in artificial intelligence, machine learning, and deep learning.
* Proficiency in Python, and experience with relevant libraries and frameworks.
* Excellent problem-solving skills and ability to work independently or as part of a team.
* Strong communication skills to convey complex technical concepts to both technical and non-technical stakeholders.

Familiarity with software engineering practices, version control, and agile development methodologies.
* Experience with relevant libraries and frameworks such PyTorch and Tensorflow
* Experience with cloud platforms and deployment is a plus.