



ADVANCED SCIENCE AND TECHNOLOGY INSTITUTE
PUBLICATION OF VACANT POSITION

POSITION	:	Project Technical Specialist V (AI Engineers)
SALARY GRADE	:	SG 20
NO. OF POSITIONS AVAILABLE	:	2
LOCATION	:	Computer Software Division
JOB QUALIFICATION	:	N/A
Education	:	Bachelor's degree or higher in Computer Science, Data Science, AI Engineering, or a related field, with expertise in machine learning model development and deployment.
Experience	:	3 years of relevant experience in developing and optimizing deep learning models. Experience in computer vision, NLP, reinforcement learning, or generative AI.
Training	:	16 hours of relevant training in AI/ML frameworks, cloud AI services, or MLOps.
Eligibility	:	None required
Other Requirements	:	<ul style="list-style-type: none">• Proficient in Python and familiar with AI frameworks such as TensorFlow or PyTorch. Experience with data visualization tools and statistical software is highly regarded• Demonstrated experience in applying machine learning techniques to large datasets, preferably in the context of atmospheric or environmental science• Proven track record of research in relevant fields and experience in writing for peer-reviewed journals• Excellent written and verbal communication skills, capable of presenting complex concepts to diverse audiences• Must have strong analytical and problem-solving skills with the ability to apply theoretical knowledge practically in solving complex problems• Must be capable of clearly articulating complex concepts and results to both technical and non-technical audiences• Ability to work effectively in interdisciplinary teams, displaying strong collaboration and interpersonal skills.• Must be a team player, communicator, adaptable and self-motivated• Self-motivated and willing to learn.• Can work with minimal supervision• Hardworking and has a time management skill• Must be agreeable to following office rules and guidelines• Applicants must be willing to work in Quezon City• Candidates should be prepared to work in variable conditions and commit to project timelines and objectives

RESPONSIBILITIES:

Under the supervision of the Project Leader, HE/SHE shall perform the following:

- Develop, train, and deploy AI models for various use cases (vision, NLP, predictive analytics, etc.);
- Work on model compression, quantization, and performance optimization;
- Integrate AI models into backend systems and cloud infrastructure;
- Experiment with LLMs, GANs, VAEs, and reinforcement learning techniques;
- Ensure AI models are explainable, fair, and robust in real-world scenarios;
- Assist the project management team in the coordination and communication with the team, funding agency, and the project stakeholders;
- Work closely with the project leader and the project manager regarding the plans, requirements, concerns, problems, and other matters
- Participate in events and other activities (e.g., exhibits, meetings, workshops/trainings) necessary in the implementation of the project;
- Carry out other tasks as may be required by the project;
- Report to work on time.

APPLICATION:

Interested candidates are required to submit a detailed CV, a cover letter expressing interest and fit for the role, and copies of relevant publications or research papers. Applications should be directed to the **elmer@asti.dost.gov.ph** by **30 April 2025** along with the following:

1. Updated Personal Data Sheet;
2. Updated Curriculum Vitae;
3. Diploma and TOR;
4. Certificate/s of employment; and
5. Training certificate/s.

APPLICATION DEADLINE: 30 April 2025

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