Republic of the Philippines
Department of Science and Technology

ADVANCED SCIENCE AND TECHNOLOGY INSTITUTE
(Project Staff)

PUBLICATION OF
VACANT POSITION

POSITION	:	Project Technical Officer VI (Senior AI Engineer)
SALARY GRADE	:	SG 21
NO. OF POSITIONS AVAILABLE	:	1
LOCATION	:	Computer Software Division
JOB QUALIFICATION	:	N/A
Education	:	Bachelor's/College Degree in Engineering, Computer Science, Statistics, IT, Physics, Applied Mathematics or any related course
Experience	:	At least 3 years' experience in building AI models
Training	:	16 hours relevant training
Eligibility	:	None Required

Other Requirements :

- Must have technical leadership and R&D experience
- Has basic knowledge in Linear Algebra, Calculus, and Probability Theory.
- Skilled in programming using Python, C/C++, CUDA C
- Skilled in data cleaning and data preparation methods
- Knowledgeable in deep learning techniques and algorithms for radiance field rendering such as 3D Gaussian splatting, NeRF.
- Knowledgeable in 3D editing software such as Blender
- Knowledgeable in real-time 3D engines such as Unity, and Unreal Engine
- Knowledgeable in photogrammetry software such as COLMAP, and Reality Capture
- Has excellent communication skills
- Must be able to work well with a team, adaptable to circumstances, fast learner, and self-motivated
- Can work with minimal supervision
- Must be willing to work in Quezon City

RESPONSIBILITIES:

Under general supervision and direction, HE/SHE shall perform the following:

- Develop a system for producing 3D Gaussian splats of selected museum specimen
- Coordinate and provide technical guidance in the integration of hardware and software components of the 3D scanning rig
- Communicate with the stakeholders for inputs on the design of the 3D scanning rig
- Report directly to the project technical leads

- Assist the AI Engineering technical lead in planning, integrating, and coordinating the R&D initiatives of the project
- Provide support to technical direction and task-level guidance to team members to ensure smooth workflow and timely deliverables. Initiate and evaluate the conceptualization and development of AI use cases and partnerships with collaborators.
- Identify, implement, and evaluate existing processes and software frameworks monitoring and analyzing model performance through time

- Assist in preparing the technical documentation of the developed and established processes and software tools for machine learning model development and model performance monitoring, in alignment with project guidelines and subject to review by the project leader

- Assist in delivering informative talks on the developed and established processes and software tools for machine learning model development and performance monitoring, as endorsed by the project leader or technical lead.

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- Communicate with the project stakeholders about the data requirements of the project
- Assist the Project Leader in conducting status report presentations to the funding agency and the stakeholders when the need arises
- Assist in preparing the technical documentation about scientific findings during the course of the project implementation, in alignment with project guidelines and subject to review by the project leader
- 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 rox@asti.dost.gov.ph, aunheljohn.adoptante@asti.dost.gov.ph, daphne.padilla@asti.dost.gov.ph, **cc careers@asti.dost.gov.ph** by **25 June 2025** along with the following:

APPLICATION FORM: https://forms.office.com/r/kKtrkL5JQ3

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: 25 June 2025

----------*****Nothing Follows*****----------