Republic of the Philippines
Department of Science and Technology
ADVANCED SCIENCE AND TECHNOLOGY INSTITUTE

**PUBLICATION OF
VACANT POSITION**
(Project Staff)

POSITION	:	Project Technical Specialist I (AI Engineer)
SALARY GRADE	:	SG 16
NO. OF POSITIONS AVAILABLE	:	1
LOCATION	:	Computer Software Division
JOB QUALIFICATION	:	N/A
Education	:	Bachelor's/College Degree in Engineering, Computer Science, IT, Physics, Applied Physics or any related course
Experience	:	At least 1 year's experience in building AI models
Training	:	Four (4) hours of relevant training
Eligibility	:	None Required

Other Requirements :

- Knowledgeable in programming using Python, C/C++. Knowledge in CUDA C is an advantage
- Knowledgeable in data exploration, analysis, and visualization using Python libraries such as Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, and other related software libraries
- Skilled in data cleaning and data preparation methods
- Knowledgeable in different machine learning techniques their advantages and disadvantages, and their implementation in Python libraries such as Tensorflow, and PyTorch
- Knowledgeable in deep learning techniques and algorithms for computer vision problems
- Knowledge in radiance fields rendering and photogrammetry is an advantage
- Experience with soldering techniques, electronics assembly, troubleshooting, and repair
- Has good 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:

- Design and train neural network architectures for computer vision tasks such as focus stacking, image stitching, color correction, and color grading

- Develop AI models from datasets

- Familiarize with 3D Gaussian splatting and be updated on the latest development

- Report to the technical leads of the project

- Communicate with the stakeholders about the data engineering required for the training of the AI models

- Collaborate with program team members to identify gaps and structure problems as well as to propose solutions and strategies to business challenges.

- Identify, implement, and evaluate existing processes and software frameworks monitoring and analyzing model performance through time

- Assist in conducting informative talks regarding the developed and established processes and software tools for machine learning model development and model performance monitoring

- Assist in writing technical documentation about scientific findings during the course of the project

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implementation
- 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*****----------