



PUBLICATION OF VACANT POSITION
(Project-Based)
Platform Component

POSITION	:	Project Technical Specialist V (NLP Engineer)
SALARY GRADE	:	SG 20
NO. OF POSITIONS AVAILABLE	:	1
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	:	N/A
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 general supervision and direction, HE/SHE shall perform the following:

- Develop NLP-based AI models for text classification, named entity recognition (NER), text-to-speech (TTS), and conversational AI;
- Fine-tune LLMs and RAG (Retrieval-Augmented Generation) systems for domain-specific applications.
- Work with vector databases (FAISS, Pinecone) and tokenization techniques;
- Ensure NLP models comply with ethical AI standards and bias mitigation techniques;
- Optimize model performance and integrate NLP components into production systems;
- 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:

1. Accomplish the Application Form through this link: [DOST-NAIRA PTS I](#)
2. Interested applicants should submit a letter of intent addressed to Ms. JOANNA G. SYJUCO, Computer Software Division, Division Chief. Applicants must submit their letter at vanesa@asti.dost.gov.ph and marionnedenise.lopez@asti.dost.gov.ph cc: careers@asti.dost.gov.ph along with the following:
 1. Updated Personal Data Sheet;
 2. Diploma and TOR;
 3. Certificate/s of employment; and
 4. Training certificate/s.

APPLICATION DEADLINE: 15 MAY 2026

IMPORTANT NOTES:

- Only applications with complete requirements including an accomplished **Application Form (link cited above)** shall be processed.
- Application documents should be in Portable Document Format (.pdf) with proper file name.
- Applicants who are interested in applying to various vacancies must submit separate applications for each vacant position.
- Due to the volume of applications received by this Agency, we will be inviting only those who are shortlisted to proceed with the recruitment process.

As an advocate of the Equal Employment Opportunity Principle (EEO), the DOST-Advanced Science and Technology Institute encourages and welcomes all applicants regardless of age, religion, or political affiliation including persons with a disability, members of indigenous communities, and those from any sexual orientation and gender identities.

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