



PUBLICATION OF VACANT POSITION
(Project-Based)

- POSITION** : Project Technical Specialist III (AI Engineer)
- SALARY GRADE** : SG 18
- NO. OF POSITIONS AVAILABLE** : 1
- LOCATION** : Research and Development Division, DOST-ASTI, Diliman, Quezon City
- JOB QUALIFICATION** :
 - Education : Bachelor’s/College Degree of any related technical course (BS ECE, EE, CoE/CpE, IT, CS, CE, ME, IE)
 - Experience : At least 2 year of relevant experience
 - Training : Four (4) hours of relevant training
 - Eligibility : None Required
 - Other Requirements
 - Proficient in programming languages used in AI development (Python)
 - Skilled 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 storage and retrieval using RDBMS such as PostgreSQL
 - Skilled in data cleaning and data preparation methods
 - Knowledgeable in different machine learning techniques (classification, clustering, regression, neural networks, etc.), their advantages and disadvantages, and their implementation in Python libraries such as Scikit-learn, Tensorflow, and Keras
 - Knowledgeable in deep learning techniques and algorithms for computer vision problems. Experience in applying computer vision for traffic management is a big plus
 - Team player, a lifelong learner, and shows great initiative
 - Problem solving mindset and can work under minimal supervision
 - Can do other tasks (writing research papers, technical documentation, technical specifications for procurement)
 - Heavy advantage for experience in traffic signaling systems, outdoor cameras, and/or intelligent transport systems (ITS)

RESPONSIBILITIES:

- Under general supervision and direction, HE/SHE shall perform the following:
- Identify and recommend techniques, methodologies, and strategies in developing AI models for traffic management, particularly using computer vision to the Project Leader, under the guidance of the AI Engineering Lead



- Identify and recommend a CV model development plan to technical leads for use in Philippine traffic context
- Plan and execute methodologies in developing AI models for Philippine traffic context and apply on specific use cases to be identified.
- Plan and execute benchmarking and/or performance measurements of the developed CV model on actual data.
- Work with team members under the AI engineering team on data collection, preparation, and access.
- Largely contribute to the writing of technical documentation and technical papers for publishing.
- Be available to do other relevant tasks as the Project Leader or Team Leader may deem necessary.

APPLICATION:

1. Accomplish the Application Form through this link: [DOST-ASTI Application Form \(NAIRA-BANTAI\)](#)
2. Interested applicants should submit a letter of intent addressed to **Ramon Vann Cleff B. Raro**, Senior Science Research Specialist at naira.vbantai@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: 04 JUNE 2026, 11:59 PM (UTC+8:00)

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.

DOST-ASTI Privacy Notice: All personal information contained in any document received or transmitted herein shall be used solely for documentation and processing purposes within the DOST-ASTI and shall not be shared with any outside parties, unless with your written consent. We are committed to protect personal data in accordance with R.A. 1073 (Data Privacy Act of 2012). All personal information shall be retained and

stored by the DOST-ASTI within a time period in accordance with the National Archives of the Philippines' General Disposition Schedule.

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