



**PUBLICATION OF VACANT POSITION**  
**(Project-Based)**

- POSITION** : Project Technical Assistant IV (Jr. AI Engineer)
- SALARY GRADE** : SG 13
- 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 : None Required
- Training : None Required
- Eligibility : None Required
- Other Requirements
- Working knowledge of Python for basic AI tasks, including data preparation, simple model training, and evaluation using open-source libraries (e.g., Pandas, NumPy, Scikit-learn).
  - Foundational understanding of machine learning and introductory deep learning concepts, particularly for computer vision applications and basic performance metrics.
  - Familiarity with computer vision workflows, including handling image or video data and using annotation tools such as CVAT.
  - Basic knowledge of data engineering concepts, including data cleaning, organization, and simple data storage using relational databases (e.g., PostgreSQL), with exposure to tools like Jupyter and Git.
  - Ability to prepare clear technical documentation and assist in writing research papers or technical specifications under guidance.
  - Has good communication skills
  - 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)

**RESPONSIBILITIES:**

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

- Apply AI and computer vision techniques for traffic management within the Philippine context, under technical guidance.



- Participate in AI model development planning, benchmarking, and performance evaluation using real-world traffic data.
- Contribute to the definition, design, and continuous improvement of data assets and data models in collaboration with AI and Software Engineering teams.
- Evaluate, implement, and recommend **open-source-first data engineering and AI tools**, including data integrations and data quality frameworks.
- Perform data analysis to monitor data quality and help identify, troubleshoot, and resolve data-related issues in production systems.
- Prepare and maintain technical documentation and contribute to technical papers, subject to review by senior team members.
- Perform other related tasks as assigned by the Project Leader or Team Leader.

#### **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](mailto:naira.vbantai@asti.dost.gov.ph), cc: [careers@asti.dost.gov.ph](mailto: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: 08 May 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.

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