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

PUBLICATION OF VACANT POSITION (Project-Based)

POSITION	:	Project Technical Specialist V (AI Engineering Team Lead)
SALARY GRADE	:	SG 20
NO. OF POSITIONS AVAILABLE	:	1
DIVISION	:	Research and Development Division
Education	:	Bachelor's/College Degree in Engineering, Computer Science, Statistics, IT, Physics, Applied Mathematics or any related course (Master's Degree or PhD is not required but is an advantage)
Experience	:	At least 3 years of relevant experience in AI engineering
Training	:	At least sixteen (16) hours of relevant training
Eligibility	:	None required
Other Requirements	:	• Skilled in programming, 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 • Knowledgeable in various data formats such as CSV, JSON, and other scientific data formats. • 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 applications of deep learning to geospatial and remotely sensed data 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:

- Lead the development of AI models used for traffic management and transport applications.
- Identify, implement, and evaluate existing processes and software frameworks for monitoring and analyzing model performance through time as approved by the Project Leader
- Lead the design and/or integration of developed AI systems for interoperability with existing infrastructure.
- Explore other means for using AI to monitor and manage traffic systems.
- Conduct informative talks regarding the developed and established processes and software tools for machine learning model development and model performance monitoring
- Communicate with the project stakeholders about the data requirements of the project
- 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:

Interested applicants should submit a **letter of intent** addressed to **Ramon Vann Cleff B. Raro, Senior Science Research Specialist, ramonvanncleff.raro@asti.dost.gov.ph , cc: hr@asti.dost.gov.ph,** along with the following:

1. Updated CV;
2. Updated Personal Data Sheet;
3. Diploma and TOR; and
4. Training certificates.

APPLICATION DEADLINE: June 23, 2025, 11:59 PM (UTC+8:00)