



ADVANCED SCIENCE AND TECHNOLOGY INSTITUTE

PUBLICATION OF VACANT POSITION

POSITION	:	Project Technical Specialist III (AI Researcher for Weather Forecasting)
SALARY GRADE	:	SG 18
NO. OF POSITIONS AVAILABLE	:	1
LOCATION	:	Computer Software Division
JOB QUALIFICATION	:	N/A
Education	:	Bachelor's degree or higher in Meteorology, Environmental Science, Computer Science, Atmospheric Sciences, or related fields with a strong focus on artificial intelligence and machine learning.
Experience	:	2 years of relevant experience
Training	:	8 hours of relevant training
Eligibility	:	None required
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• Prior experience in weather-related data analysis or have contributed to projects in meteorological applications of AI• 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:

- Design, develop, and refine AI models specifically tailored for predicting various weather conditions using advanced machine learning techniques;
- Efficiently gather, preprocess, and analyze meteorological data necessary for model training and validation;
- Work collaboratively with meteorologists and data scientists to integrate AI models into existing forecasting frameworks, ensuring that model outputs align with practical forecasting needs;
- Take lead in writing and publishing research papers that document findings, methodologies, and innovations in reputed scientific journals;
- Stay updated with the latest developments in AI and atmospheric sciences to incorporate cutting-edge methods and technologies into forecasting models;
- 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:

Interested applicants should submit a **letter of intent** addressed to **Ms. JOANNA G. SYJUCO**, Computer Software Division's Division Chief. Applicants must submit their letter at elmer[@asti.dost.gov.ph](mailto:elmer@asti.dost.gov.ph) cc: vanessa@asti.dost.gov.ph and careers@asti.dost.gov.ph long with the following:

APPLICATION FORM: <https://forms.office.com/r/jHfUEqGKBm>

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: 23 June 2025

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