



PUBLICATION OF VACANT POSITION
(Project-Based)

POSITION	:	Project Technical Assistant III (Embedded System Engineer)
SALARY GRADE	:	12
NO. OF POSITIONS AVAILABLE	:	1
LOCATION	:	Computer Software Division
JOB QUALIFICATION	:	
Education	:	Bachelor's/College Degree in any engineering technology-related course such as Computer, Electrical, Electronics or Mechatronics Engineering Technology
Experience	:	None required
Training	:	None required
Eligibility	:	None required
Other Requirements	:	<ul style="list-style-type: none"> • Good command of English in writing and communication skills • Knowledge in Python or C language • Experience with microcontrollers such as raspberry pi • Knowledge of internet-of-things or automated system • Knowledge with 3D printing or prototyping is a plus • Experience with aquaculture-related project is a plus • Good research experience with publication is a plus • Must be a team player, resourceful and self-motivated • Can work with minimal supervision • Must be willing to work in Quezon City

RESPONSIBILITIES:

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

- Assist and support the development of the proof-of-concept (POC) of the project;
- Conduct research on the field of aquaculture or relevant fields of the project;
- Collaborate with AI engineers in developing AI models;
- Design and print 3D prototype modules of the POC;
- Translate needs requirements and build systems' prototype;
- Perform hands-on programming tasks, such as prototyping, feature development, bug fixing, and other important tests;
- Advocate for best practices with awareness of client needs and priorities;
- Participate in regular stand-up project meetings;
- Proactively collaborate with other team members in delivering project deliverables;
- Produce system's manuals and technical documentation;
- Ensure system features behave according to specifications;
- Handle and supervise student interns with tasks relevant to the project;



- Provide assistance and support in the conduct of research and development activities, including but not limited to exploring new systems, enhancing existing processes, and contributing to the implementation and documentation of R&D outputs (if applicable);
- Perform other tasks as may be assigned from time to time; and,
- Report to work on time.

APPLICATION:

1. Accomplish the Application Form through this link: [DOST-ASTI Application Form \(SaqFeeder\) – Fill out form](#)
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 eduardojr.piedad@asti.dost.gov.ph, vanesa@asti.dost.gov.ph, cc: careers@asti.dost.gov.ph, suzetteangelie.jacobe@asti.dost.gov.ph along with the following:
 - Updated Personal Data Sheet;
 - Updated Curriculum Vitae;
 - Diploma and TOR;
 - Certificate/s of employment; and
 - Training certificate/s.

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.