



Science Research Specialist I

Salary Grade: 13

Item Number: PHILSAB-SRAS1-7-2020

Division: Spacecraft Mechanical and Autonomous Systems Development Division

Minimum Qualification Standards:

Education: Bachelor's degree relevant to the job

Experience: None required

Training: None required

Eligibility: Career Service Professional / Second Level Eligibility

Duties and Responsibilities:

- 1) Under immediate supervision, gather datasets and prepare for artificial intelligence techniques, and perform computations and/or analysis as necessary;
- 2) Assist in generating test procedures for autonomous and space flight systems and/or its integration into spacecraft when applicable;
- 3) Support in prototyping and/or developing modules for autonomous systems;
- 4) Compile, classify, integrate, and present datasets according to standard requirements of the Division and/or specific needs of the sector serviced;
- 5) Coordinate all procurement and/or manufacturing requirements within the Division;
- 6) Coordinate with other researchers in the agency in programming regular activities to maximize data gathering, storage, and retrieval capability;
- 7) Attend seminars, symposia and other structured gatherings related to advanced space S&T and other areas of concern related to development; and
- 8) Perform other duties of a regular or special nature as may be assigned from time to time.

Applicants who have all or any of the following background are encouraged to apply:

Educational Background:

- Bachelor's degree in Engineering or Sciences such as in Electronics Engineering, Computer Science, Mechanical Engineering, Aerospace Engineering, or other allied fields.

Experience:

- Has an experience in programming
- Has experience in developing and prototyping autonomous systems

Training Background:

- Training in any programming language, preferably Python

Competencies:

- Must be willing to learn and acquire diverse skills in different fields.
- Thorough, pays close attention to detail and strives to achieve accuracy and consistency in all tasks.
- Develops and maintains positive work relationships with others.
- Receptive in being mentored by more senior personnel.
- Enthusiastic toward the advancement of space technology in the Philippines



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