



Computer Maintenance Technologist III

Salary Grade: 17

Item Number: PHILSAB-CTMT3-19-2020

Division: High Performance Computing and Information Systems Division

Minimum Qualification Standards:

Education: Bachelor's degree relevant to the job

Experience: 1 year of relevant experience

Training: 4 hours of relevant training

Eligibility: Career Service (Professional) / Second Level Eligibility

Duties and Responsibilities:

- 1) Assist in the establishment and maintenance of the Agency's High Performance Computing (HPC) Facility;
- 2) Contribute in coordinating with the Agency's internal and external partners for their computing, data access, and visualization requirements;
- 3) Contribute to the conduct of strategic Research and Development (R&D) on high performance computing systems;
- 4) Assess and repair the Agency's computing resources;
- 5) Perform regular maintenance on the Agency's computing resources;
- 6) Maintain and analyze usage logs related to HPC operations to facilitate planning and maintenance; and
- 7) 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 Computer Science, Information Technology, and other allied fields

Experience Background:

- Experience in managing and operating HPC facilities is a plus.
- Experience with cluster management and job scheduling systems like SLURM is a plus.

Competencies:

- Familiarity with programming languages commonly used in HPC environments (e.g., C/C++, Python, Fortran) and parallel computing frameworks (e.g., MPI, OpenMP, etc.)



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