Information Technology Job Function

IT RC Systems Professional V
Grade: 59
Job Code: I1059P
Job Family: IT Research Computing
Job Family Matrix: IT Research Computing

Summary
Lead the planning of and conduct advanced research computing engineering duties. Develop new RC solutions to keep up with the pace of complex research problems. Develop enhancements of monitoring to maintain the integrity of RC systems. Lead cross-functional technical teams and projects alongside research programs. Lead multiple technical projects simultaneously.

Typical Core Duties
- Lead the planning, building, and configuration of RC systems at scale
- Set standards for monitoring and maintaining the health and integrity of RC systems including upgrading and patching
- Design and implement robust and secure IT solutions within a fast-paced research environment, including systems that meet regulated data compliant standards
- Define and track performance metrics to ensure efficient current and future use of IT resources
- Consult to and collaborate with researchers and other key IT (e.g. network and security) and Data Center partners in a timely manner
- Build and maintain relationships with external vendor technicians and engineers
- Collaborate and may provide leadership with other systems engineers within the RC ecosystem
- Contribute best practices documentation, present at conferences, or publish in peer reviewed journals
- Lead trainings on specific areas of RC systems engineering
- Abide by and follow the Harvard University IT technical standards, policies and Code of Conduct

Basic Qualifications
- Minimum of nine years' post-secondary education or relevant work experience

Additional Qualifications and Skills
- Broad knowledge of the deployment and management of RC systems (e.g. storage, cluster computing, network, database, virtualized systems)
- Demonstrated team performance skills, service mindset approach, and the ability to act as a trusted advisor
- Specialized knowledge in a specific technology
- Ability to lead the development of a specific technology

Certificates and Licenses
- Completion of Harvard IT Academy specified foundational courses (or external equivalent) preferred

Physical Requirements

Working Conditions
- Occasionally required to work outside of normal business hours, and may be contacted during off hours