Information Technology Job Function

IT RC Software/Data Professional II
Grade: 56
Job Code: I1256P
Job Family: IT Research Computing
Job Family Matrix: IT Research Computing

Summary
Independently maintain software that supports and enriches research productivity and reliability. Develop software and data services with researchers to ensure that modern standards of reproducible code are kept.

Typical Core Duties
- Learn from developer meetings with researchers how to design, plan, and implement software that enriches research productivity and reliability
- Begin to build an understanding of research activities through regular engagements
- Follow a scope of work, project plan, working on and track the progress of small number of milestones at a time
- Maintain aspects of software code and custom data processing pipelines for complex environments
- Troubleshoot problems and suggest improvements to coding practices
- Grow skills in a specific technology to develop custom solutions to meet researchers needs
- Work in a team of developers and researchers in collaboration with systems professionals
- Provide regular communications to project leads with updates
- Maintain internal code design and development guides for future contributors
- Learn to teach workshops for researchers on sustainable software and data management practices
- Abide by and follow the Harvard University IT technical standards, policies and Code of Conduct

Basic Qualifications
- Minimum of two years’ post-secondary education or relevant work experience

Additional Qualifications and Skills

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