

Information Technology Job Function

IT RC Software/Data Professional III

Grade: 57

Job Code: I1257P

Job Family: IT Research Computing

Job Family Matrix: [IT Research Computing](#)

Summary

Participate in the design of software that supports and enriches research productivity and reliability; implement software solutions. Develop software and data services with researchers to ensure that modern standards of reproducible code are kept.

Typical Core Duties

- Collaborate with researchers in the design, planning, and implementation software that enriches research productivity and reliability
- Build understanding of research activities through regular engagements
- Provide feedback on scope of work and project plan and track progress of regular milestones
- Build and maintain aspects of software code and custom data processing pipelines for complex environments
- Apply firm understanding of 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
- Build internal code design and development guides for future contributors
- 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 five 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