

Information Technology Job Function

IT RC Software/Data Professional V

Grade: 59

Job Code: I1259P

Job Family: IT Research Computing

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

Summary

Lead a team of software/data professionals and researchers in the design, planning, and implementation of software and data services that enrich research productivity and reliability. Develop software and data services with researchers to ensure that modern standards of reproducible research are kept. Lead multiple projects simultaneously.

Typical Core Duties

- Lead the design, planning, and implementation of software or data analysis that enriches research productivity and reliability
- Build deep understanding of specific research activities through regular engagements
- Lead the development of multifaceted scope of work and timely project plans with regular milestones
- Build and maintain software code and custom data processing pipelines with deep understanding of current technology, software and tools
- Build upon specific research knowledge to design and develop custom solutions to meet researchers' needs
- Lead a team of developers and researchers in collaboration with systems professionals
- Provide regular communications on large-scope project updates to internal and external PI's/stakeholders
- May contribute to the development of software/data service project communities beyond local institution for the purpose of sustainability
- Set standards for internal code design and development guides
- Contribute best practices documentation, present at conferences, or publish in peer reviewed journals regarding 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 nine 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