

COMPUTATION AND DATA RESOURCE EXCHANGE OPPORTUNITIES:

SENIOR RESEARCH COMPUTING SYSTEM ENGINEER, RESEARCH COMPUTING SYSTEM ENGINEER,
AND RESEARCH COMPUTING DEVOPS ENGINEER

The University of Virginia has recently embarked upon an ambitious effort to improve its research computing infrastructure. The initiatives over the past several years include deployment of a large-scale high-performance computing cluster and a secure virtual-environment data analytics platform; provision of centralized multi-tiered storage solutions; and a recent upgrade of the campus network backbone. This much-enhanced cyberinfrastructure has set the stage for unprecedented growth in research activity. In order to capitalize on this momentum and to accelerate future scientific breakthroughs using our state-of-the-art computing environment, the University is assembling a world-class team of highly skilled individuals in advanced research computing fields.

Individuals with technical competency in HPC and scientific computing, and those who enjoy the challenges involving complex data and computing problems are strongly encouraged to apply for one or more of the three positions being offered in Information Technology Services (ITS) at the University of Virginia.

We are looking for:

Senior Research Computing System Engineer

Plays a critical role in building the research infrastructure to support the University's academic research facilities. Responsibilities will include design, operation and technical support of academic research computing infrastructure. The position will work with other ITS teams, and in cooperation with UVA's other research computing services in providing services. Strong customer service skills and excellent written and oral communication are required.

Search website: <https://executivesearch.virginia.edu/search/seniorresearchcomputingsystemengineer>

Research Computing System Engineer

Primary responsibilities include architecting, maintaining, operating, and improving our secure cloud platform at The University of Virginia. This system handles research computing and data management/sharing of data subject to HIPAA and FERPA compliance, with FISMA compliance on the horizon. Challenges that arise in this project include secure user onboarding, VMware automation, software provisioning and profiles, and establishing secure data sharing mechanisms for on/off-site collaborations.

Search website: <https://executivesearch.virginia.edu/search/researchcomputingsystemengineer>

Research Computing DevOps Engineer

Responsible for implementation of system enhancements on top of existing solutions, connecting user support and system services. Extensive experience with web application development is strongly preferred as many of the services and tools running on various systems will require interaction via web interface. Web portal development for the user community will be one of the main responsibilities of this position. Strong programming skills and working knowledge of Linux system administration is required. Experience with Linux container solutions, configuration management, system monitoring tools, and public cloud solutions are also desirable.

Search website: <https://executivesearch.virginia.edu/search/researchcomputingdevopsengineer>

How to Apply:

For more information about these opportunities and how to apply, please visit the designated search websites. Additional inquiries and referrals can be made to Ellyn Chitwood at ellyn@virginia.edu. The position will remain open until filled and the search will be carried out with full confidentiality; candidates will be notified before references are contacted.

The University of Virginia is an equal opportunity and affirmative action employer. Women, minorities, veterans, and persons with disabilities are encouraged to apply.