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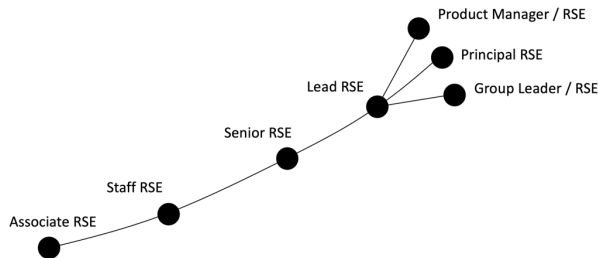
National Center for Supercomputing Applications

[Affiliate Research Page](#)

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Research software is essential to most modern research. Dan studies issues around research software and its use, as well as developing research software such Parsl, a system for creating parallel programs composed of Python functions and external components that can run on compute resources from laptops to supercomputers.



Potential career paths for research software engineers

Keywords

Research software, software sustainability, software citation, research software engineering, workflows, parallel and distributed computing, high performance computing

Research Interests

- Citation and credit mechanisms and practices for software and data
- Organization and community practices for collaboration
- Career paths for computing researchers
- Computational workflow systems for large-scale challenges

Current Projects

- [Research Software Alliance \(ReSA\)](#)
- [Policies In Research Organizations For Research Software \(PRO4RS\)](#)
- [FAIR for Machine Learning \(FAIR4ML\)](#)
- [Parsl](#): Productive parallel programming in Python

Interest Areas for Collaboration/Future Work

Dan is interested in working with researchers whose computing or data challenges are too complex or large to be computationally tractable, or who have developed software that they need to sustain, maintain, and share over time.