



## Center for Social Dynamics and Complexity

### Description:

Join the Center for Social Dynamics and Complexity in advancing open, repeatable science at the intersection of computational modeling, digital preservation, data science, and information visualization. We are seeking a software engineer to help us develop innovative web-based tools and services for open science that enable researchers to create repeatable data analysis workflows for computational modelers. To learn more about the Center for Social Dynamics and Complexity please visit our website at <https://csdc.asu.edu>.

### Minimum Qualifications:

- Masters in informatics, computer science, or related field
- Experience with full stack web application development (html, css, javascript, server side APIs) using modern web development frameworks
- Fluency in Python and experience with version control systems (git, mercurial, subversion)

### Desired Qualifications:

- Experience in computational modeling, digital preservation, data science, and information visualization
- Experience with the Django Rest Framework
- Experience with R, DeployR, OpenCPU or similar data and statistical analysis tools and workflows
- Experience with Docker

### Working Environment:

Activities are performed in an environmentally controlled office and laboratory setting. Regular activities include some bending, reaching, lifting, pushing and pulling up to 25 pounds. Regular activities require ability to quickly change priorities which may include and/or are subject to resolution of conflicts. Ability to clearly communicate verbally, read, write, see and hear to perform essential functions.

### Instructions to Apply:

Please email cover letter, resume and three letters of reference to Adam Farni ([adam.farni@asu.edu](mailto:adam.farni@asu.edu))

November 20, 2015 is the initial close date. Resumes will continue to be accepted and considered on a weekly basis until the search is closed.

A background check is required for employment.

Arizona State University is an equal opportunity/affirmative action employer committed to excellence through diversity. Women and minorities are encouraged to apply. All qualified applicants will be considered without regard to race, color, sex, religion, national origin, disability, protected veteran status, or any other basis protected by law. {See ASU's complete non-discrimination statement and [www.asu.edu/titleIX/](http://www.asu.edu/titleIX/)}

### Office of the University Provost

300 East University Drive  
P.O. Box 877805 Tempe, AZ 85287-7805  
(480) 965-4995 Fax: (480) 965-0785  
<https://provost.asu.edu/>