Company: National Cancer Institute

Type of Job: Internship

Job Description:

1. Data Life Cycle Management for the Science Data – Working with the Science groups to archive data using the StarFish File Management framework.

2. IT Service Management related:

   - Tradeoffs and feasibility of automating service delivery

   - Design of Configuration Items, CMDB for an IT Service Management Tool (tradeoffs & recommended design in relation to portfolio management and practical usage by Change/Configuration Management)

3. IT security related:

   - Network configuration options and optimal design for NIST RMF compliance

4. Agile/Application related:

   - Efficacy of applying agile methodology & tools to general work management & service delivery. Using backlog management tools, regular meetings to delivery SharePoint service requests, COTS Application Life Cycle management, et al

5. Document the operational benefits, virtual density capabilities and performance gains of a Hyperconverged solution. (may benefit CBIIT, help define a Virtual Infrastructure Standard for NCI)

6. Assist with the setup and configuration of a new iTRACS DCIM system to track physical hardware in the data center, power utilization and metrics for the DCOI initiative.

7. We will have other activities going on, installing new networking equipment and removing old. Low value for learning, but the extra hands are a help.

Skills Developed:

- Network Configuration
- Agile Development Methodology
- Database/File Management

For More Information: See Reza Mirdamadi