

UF Information Technology

Internship Title: Reliability Engineer Internship

Department: Infrastructure and Communication Technology

Work Location: Ayers building at 720 SW 2nd Avenue Gainesville, FL 32601

Brief Description of Internship:

This internship position will work with the Infrastructure Reliability Services team to improve the current monitoring capabilities offered to our customers and develop strategies to increase the availability and reliability of our services.

Specific Duties:

- Collaborate with other teams to understand their systems
- Collect and analyze logs, metrics, and traces from a wide range of infrastructure applications, networks, and systems
- Build interactive visualizations for service owners to showcase usage and service status
- Apply debugging and troubleshooting skills in root cause analyses to resolve issues
- Use automation to build and enhance the observability infrastructure at UF

Hours Per Week: 10 - 15 hours per week

Qualifications Needed:

- Currently in the final stages of a Bachelors or Masters in Computer Science/Data Science or equivalent field
- Aptitude for learning new technologies
- Genuine curiosity and willingness to self-start
- Excellent reliability, including time management skills
- Experience with managing servers in a home lab (Windows and/or Linux)

Learning Objectives:

- Gain experience with orchestration and configuration tools such as Terraform and Ansible
- Develop analytical skills by conducting root cause analyses for infrastructure systems
- Improve data visualization skills and apply them to various audiences