

UFIT Infrastructure & Communication Technology

Intern Position Description

Hiring Manager Name & Title: El Mehdi Ramdane, IT Associate Director

Department: Infrastructure & Communication Technology

Title of Internship: Reliability Engineer

Brief Description of Internship (please include the physical location of the job):

The intern will work with the Infrastructure Reliability Services team conducted in the Ayers 720 building, Innovation Square 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

Work Location: Ayers 720 Building, Suite 360

Hourly Rate: \$20.00

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.