

UF Information Technology

Internship Title: Systems Administrator/Programmer Internship

Department: Infrastructure and Communication Technology

Work Location: Ayers Building – 720 SW 2nd Avenue Gainesville, FL 32601

Brief Description of Internship:

This internship position will work with members of the Infrastructure Reliability Services team. This team is developing, integrating, deploying, and maintaining commercial and open-source applications to improve organization processes. Processes include asset inventory, vulnerability management, system monitoring and configuration change management.

Specific Duties:

- Refresh our network allocation process using Windows PowerApps
- Use one or more of the following in assisting the modernization of UFIT's monitoring infrastructure:
 - Powershell
 - PowerCLI
 - Python
 - REST
 - Ansible
 - Puppet
 - Chef
 - Terraform
 - Git
- Assist with auditing internal team documentation
- Additional duties to be determined based on qualifications

Hours Per Week: 10 - 15 hours per week

Qualifications Needed:

- Basic understanding of networks and network topology. (IP addresses, subnets, VLANs etc.)
- Basic understanding of DNS and DHCP
- Experience with one or more programming languages
- Experience with Linux CLI

Learning Objectives:

- Gain understanding of internal workflow and dynamic of a large IT organization.
- Gain understanding of DevOps and SRE
- Develop effective work habits, including time management, punctuality, and personal accountability related to the work and its function in the economy
- Demonstrate openness, inclusiveness, sensitivity, and the ability to interact respectfully with all people and understand individuals' differences
- Identify, write down, and carry out performance objectives (mutually agreed upon by the employer, the UFIT experiential learning supervisor, and the student) related to the practical experience in their internship