Hiring Manager Name & Title: Greg McEachern, IT Manager, Master Data Management and Data Integrations.
Department: UFIT- Enterprise Systems
Title of Internship: Application Integration Developer

Brief Description of Internship: Individual will work closely with customers, business analysts and team members to understand business requirements that drive the analysis and design to develop quality technical webservice solutions. Individual should have an understanding of IT systems, development lifecycle, quality assurance/testing, and integration methodologies.

Specific Duties:
- Develop core understanding of existing UF webservice tools (Postman, Soap UI, other) to unit test existing services and understand existing testing strategies.
- Develop / enhance / document regression testing suite for existing webservice.
- Test regression suite on existing services stack across varying instances.
- Apply said testing strategies to both existing on-prem and cloud applications.

Hours Per Week: 10 -15 hours per week

Hourly Rate: $15 - $20

Qualifications Needed:
- Proficiency in multiple software development languages (Python, JavaScript, C# preferred)
- Understanding of software interfaces between systems using protocols such as XML, REST, SOAP, HTTP, SSL, FTP, MQ
- Experience working with database systems such as Oracle & Microsoft SQL Server
- Ability to write clear technical documentation

Learning Objectives:
- Develop an understanding of their career field of interest, including the skills, responsibilities, and career trajectory of professionals; specifically, by demonstrating a practical understanding of service-oriented architecture (SOA) at enterprise level.
- Learn and implement regression testing suites and demonstrate understanding of how they are used in the industry.
- Demonstrate openness, inclusiveness, sensitivity, and the ability to interact respectfully with all people and understand individuals’ differences by communication with broad groups of people.