UFIT Data Platform & Analytics
Application Integration Developer Internship

Hiring Manager Name & Title: Greg McEachern, IT Manager, Master Data Management and Data Integrations.
Department: Data Platform & Analytics
Title of Internship: Application Integration Developer

Brief Description of Internship:
This is role that under general supervision, works closely with customers, business analysts and team members to understand business requirements that drive the analysis and design to develop quality technical webservice solutions. Candidate should have an understanding of IT systems, development lifecycle, quality assurance/testing, and integration methodologies. Working title: Integrations Developer Intern.

Specific Duties:

- Develop core understanding of existing UF webservices, utilize webservice tools (Postman, Soap UI, other) to unit test existing services and understand existing testing strategies
- Develop / enhance / document regression testing suite for existing webservices
- Test regression suite on existing services stack across varying instances
- Apply said testing strategies to both existing on-prem and cloud applications
- Document and develop webservices using IBM Integration Bus v12

Hours Per Week: 10 -15 hours per week

Hourly Rate: $ 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:

- Practical understanding of service-oriented architecture (SOA) at enterprise level
- Hands on development of regression testing suites and understanding of how they are used in the industry
- 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.

- Demonstrate openness, inclusiveness, sensitivity, and the ability to interact respectfully with all people and understand individuals' differences by communication with broad groups of people.