UFIT Data Platform & Analytics
Data Scientist/Data Engineer Internship

Hiring Manager Name & Title: Aaron Thomas, Principal Data Scientist – Associate Faculty in Data Science
Department: UFIT Data Platform and Analytics
Title of Internship: Data Scientist & Data Engineer

Brief Description of Internship:

Individual will assist with leveraging student data, reporting products, quantitative methodologies, and business intelligence tool set to solve complex analysis and reporting requests that enable student success.

Specific Duties:

- Review data loaded from traditional databases and non-traditional data sources after completion of appropriate cleaning and blending.
- Develop custom variables (feature extraction), component indices, and quantitative models where necessary to provide insights to the customer.
- Design and implement processes to evaluate reliability, validity, and potential bias in analytic deliverables.
- Data engineering to solve relevant business questions.

Hours Per Week: 10 -15 hours per week

Work Location: 720 SW 2nd Avenue, Ayers Building

Hourly Rate: $15 - $20

Qualifications Needed:

- R and/or Python
- Familiarity with rest-APIs
- Structured Query Language (SQL)
- Parametric/non-parametric statistics, machine learning, natural language process (NLP)
- Employs skills such as active listening, empathy, patience, reliability, positivity and flexibility to engage team members to reach a shared goal.

Learning Objectives:

- Develop an understanding of their career field of interest, including the skills, responsibilities, and career trajectory of professionals; specifically by extracting, transforming, and loading data into a warehouse for analysis.
- Examine statistical data, interpret the data, and assess the data.

- Demonstrate openness, inclusiveness, sensitivity, and the ability to interact respectfully with all people and understand individuals' differences to communicate complex technical information.
- Learn, comprehend, and implement appropriate quantitative and machine learning methods to solve business problems.