Internship Title: Data Scientist / Engineer Internship  
Department: Data Platform and Analytics  
Work Location: Ayers building at 720 SW 2nd Avenue Gainesville, FL 32601

Brief Description of Internship:
This internship position will assist with leveraging student data, reporting products, quantitative methodologies, and business intelligence tool sets 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

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