



Institute of Food and Agricultural Sciences  
Agricultural and Biological Engineering Department

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## **Ph.D Position - Big Data Analytics**

A Ph.D assistantship is available in the Agriculture & Biological Engineering Department at the University of Florida to investigate and apply strategies for enhancing the intelligence in managing various agricultural and natural resource systems using big data analytics. The tentative directions include, but are not limited to, assessment of climate change impacts, automated farming systems, autonomous machinery, Quality Assurance and Quality Control (QAQC) for IoT networks, etc. This is an opportunity to be at the forefront of applying sophisticated data management platform and data driven decision making in urban and rural agricultural systems.

Ideal candidates should have strong engineering or science background with hands-on experience of handling real-world data. Applicants need to be comfortable with math since there will be intensive training on quantitative skills, such as programming, statistics, data science, deep learning, etc. Students with IT background and having related data experience are also encouraged to apply. However, a solid understanding of the physical basis should be the only evidence and goal that orients data analytics.

The position is available immediately. Interested candidates may send resume to Dr. Ziwen Yu, the advisor of this position, by email ([ziwen.yu@ufl.edu](mailto:ziwen.yu@ufl.edu)).