MEng Design Project Announcement – 2018-19 AY

Project title:

Machine learning and spatial analysis for agricultural big data analytics

Brief Description of Design Project Goals:

Overview:

Applying machine learning algorithms to remote sensing data for estimation of crop yields across geographic regions; Delivering spatial analysis for crop yield estimation at scales.

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- Office – 318 Olin Hall

Project Web Site:

www.peese.org

Number of MEng Students Needed:

Up to 3

Required Skills:

Familiar with either Python, R, and/or MATLAB; knowledge about GIS systems would be strongly preferred.

Estimated Project Time Frame:

2018-19 Academic Year, Two (2) Semesters