Research Assistantship on Agricultural Robotics and AI

The Bio-Sensing Automation and Intelligence Laboratory (B-SAIL) (www.uflbsail.net) in the Department of Agricultural and Biological Engineering at the University of Florida is seeking highly motivated graduate students for Ph.D.-level research assistantships (RA) in agricultural sensing, automation, and AI. We are currently accepting applications for these positions, which will be reviewed on an ongoing basis.

As a top-ranked institution, the University of Florida (UF) is ranked #29 in National Universities and #5 in public universities in the 2022-2023 rankings by the US News and World Report. B-SAIL is a research laboratory dedicated to developing innovative sensing and automation technologies for agricultural and food systems. Funded by research grants from the National Institute for Food and Agriculture, the National Science Foundation, and industry partners, the RA positions will involve working on projects to develop robotic technologies, computer vision, and deep learning technologies for high-throughput plant phenotyping, precision crop management, and postharvest food quality sensing.

Successful candidates should have relevant experiences and interests in one or more of the following areas: computer vision, mechatronics, robotics, electronics, sensing, and machine learning/deep learning. Additionally, candidates should possess strong programming skills in one or more of the following languages: Python, MATLAB, LabVIEW, C/C++, Java, and IDL. A proven ability to publish research in peer-reviewed journals and a willingness to learn new technologies is also desirable.

Interested applicants should send their curriculum vitae, a list of three references, and transcripts to Dr. Changying "Charlie" Li at cli2@ufl.edu.