



## Graduate Research Assistant Positions in Smart Agriculture / Computer Vision / Robotics

- Position:** The Department of Biosystems Engineering and Soil Sciences (BESS) at the University of Tennessee seeks two graduate students (0.5 FTE) to conduct research on smart agriculture, remote sensing, robotics, computer vision, or sensors for biological systems.
- Responsibilities:** Fulfill the degree requirements for the Biosystems Engineering Ph.D. / M.S. programs, and conduct research in a timely manner.
- Requirements:** The candidate must have a master's or bachelor's degree in biosystems engineering, agricultural and biological engineering, electrical engineering, mechanical engineering, computer science or a closely related field with demonstrated research experience, and strong written and oral communication skills.
- Preferred Skills:**
- (1) Programming skills (Python, C/C++, Java, Matlab, etc);
  - (2) Experience in microcontrollers and circuit design;
  - (3) 3D drawing software (SolidWorks, AutoCAD, etc.);
  - (4) Experience in computer vision or image processing; and
  - (5) Experience in remote sensing using UAVs.
- Salary:** The successful applicant will receive a tuition waiver, an annual stipend, and health insurance.
- Location:** University of Tennessee, Knoxville

**Start Semester:** Spring 2021 or Fall 2021.

Please refer to the following website for application deadlines:

<https://gradschool.utk.edu/graduation/graduation-deadlines/>

**To Apply:**

Please email a CV to Dr. Hao Gan at [hgan1@utk.edu](mailto:hgan1@utk.edu)

Or apply at UTK graduate application website:

<https://gradschool.utk.edu/admissions/applying-to-graduate-school/>