

Graduate assistant
Rutgers, The State University of New Jersey

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Posted Aug. 23, 2020, expired Dec. 23, 2020

Job Title	Graduate assistant
Department	Department of Mechanical Engineering
Institution	Rutgers, The State University of New Jersey Piscataway, New Jersey
Date Posted	Aug. 23, 2020
Application Deadline	Open until filled
Position Start Date	Available Immediately
Job Categories	Graduate Student
Academic Field(s)	Robotics Mechanical Engineering Electrical and/or Electronics Computer Engineering Computer Science Aerospace/Aeronautical/Astronautics Engineering - Other

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Job Description

Graduate assistant positions are available at Rutgers, The State University of New Jersey. The students will be supervised by Dr. Xiaoli Bai (<http://x-bai.rutgers.edu/>). Qualified candidates with degrees in aerospace engineering, electrical engineering, applied mathematics, automation, or closely related fields are encouraged to apply.

Preference will be given to students who have good background and strong interest in astrodynamics and/or aircraft dynamics and control, are self-motivated to do first-class research, with the following skills:

- Designing and flying experiments with UAVs

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- Hands-on experience with sensors such as cameras and IMU
- Hands-on experience with software such as ROS and Pixhawk
- Modeling and simulation
- Learning from data/machine learning

Followings are some example projects:

https://www.nasa.gov/directorates/spacetech/strg/ecf19/Holistic_Bayesian_Framework/

<http://x-bai.rutgers.edu/project/onr-carrier-landing/>

You are encouraged to talk to Professor Bai through xiaoli.bai@rutgers.edu if you are interested. Please include your transcripts and CV in the first communication.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact