

PART-TIME RESEARCH ASSISTANT

A part-time Research Assistant position is available in the School of Electrical and Electronic Engineering related to the intelligent control of aerial robots.

Job Requirements (at least two skills listed below are necessary):

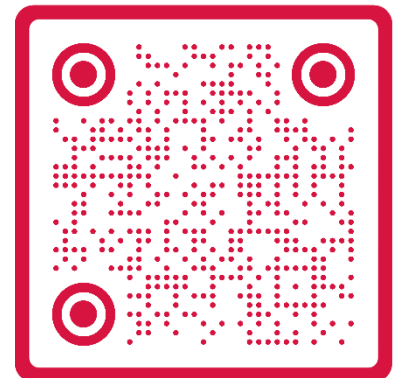
- Degree (completed or ongoing) in *electrical engineering, aerospace engineering, mechanical engineering, computer science, computer engineering* or any related field.
- Distinct interest in *aerial robotics* or *machine learning*.
- Good programming skills in *C++* or *Python*.
- Some working knowledge in *Robot Operating System (ROS)*.
- Practical and hands-on, active self-learner and able to pay close attention to technical details.

Potential Responsibilities (your actual responsibilities will depend on your strengths):

- Help with implementation of machine-learning algorithms for safe and reliable navigation of unmanned aerial vehicles.
- Test the communication interface for drones in the simulation environment.
- Configure experimental setups for real-time experiments.
- Perform experimental tests and data collection.
- Model and design of novel aircraft.

Application

If you are interested in this position, send an email with your CV to **Andriy Sarabakha** (andriy.sarabakha@ntu.edu.sg).



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