Drone Research Engineer

Job Description

- Continuous improvements of our robotic systems
- Maintaining a fleet of quadrotors and a set of robot demos
- Setting up and conducting experiments in the lab and in the field
- Code reviewing, code optimization and implementation of new features
- Full time, but part time applicants will be considered

Requirements

- M.Sc. or B.Sc. in Mechanical Eng., Electrical Eng., Computer Science, or related field
- Knowledge of C++ and Python
- Experience with embedded systems
- Ability to work organized and independently
- Good communication skills in English
- Plus: Robot Operating System (ROS)
- Plus: Knowledge of quadrotor hardware and firmware
- Plus: Experience piloting RC aircraft, or willingness to learn
- Plus: 3D CAD experience (Onshape)
- Plus: Soldering and hardware prototyping

Benefits

- Work on cutting edge research in a top-tier robotics laboratory
- Be a member of a collaborative team of vision, systems, control and machine-learning scientists
- Possibility to pursue your own research projects
- Possibility to pursue a PhD

Apply

http://rpg.ifi.uzh.ch/positions.html

Starting date: As soon as possible.