INTERNSHIP SOFTWARE ENGINEER

Pro-Drone is a startup company that has developed control software which **empowers UAVs to autonomously inspect the blades of wind turbines**. We are currently offering full-time internships for graduate and undergraduate students. The dates for the internships are flexible, but applicants must be able to **commit for at least 4 months**, with the possibility of integrating into the team on a full-time basis, if the fit is great. This position requires you to be at our office in **Lisbon, Portugal**.

As a member of the Pro-Drone team you will be **directly involved in a variety of innovative projects** and have the opportunity to gain **hands-on experience in a startup environment**. Furthermore, you will be working alongside the core development team in existing and new products. You must be willing to learn, pay attention to detail, be able to take initiative and work in a multicultural environment.

You will be developing a **Ground Control Station software for monitoring the operation and controlling the UAV**; establishing a robust and efficient data link between several agents; working not only with desktop PCs, but with embedded computers and onboard electronics; participating in outdoor field tests during turbine inspections; **taking an active part in GCS design and UI development**.

The main requirement for an applicant is a good knowledge of the **C++ programming language**. Having the additional following skills are preferable, but not obligatory:
- **Qt creator**
- **ROS (Robot Operating System)**
- **Linux OS**
- **Experience with electronic components (transmitters, IMU, GPS)**
- **Experience with UAV operations**

The internship does not imply direct financial support by Pro-Drone, but **we provide full support for Erasmus+ scholarships**. We have hosted 10 interns to date and are happy to provide their contacts in case you want direct feedback from someone who has interned with us. Please contact your university representative for more details or find the Erasmus+ National agency in your country following the link below:
http://ec.europa.eu/programmes/erasmus-plus/tools/national-agencies/index_en.htm

To apply, please send your **cover letter**, **CV** and **portfolio/github** (if you have one) to our email: **jobs@pro-drone.eu**