



## UAV Software Engineer

We are Hiring for UAV(Drone) Software Engineer.

Do you want to play a role in shaping the future of aviation industry? Do you believe that technology with a purpose can save and improve lives? Then come and be a part of our dynamic team of young professionals and experienced veterans!

### Position Responsibilities

Lead development of real-time applications for autopilot/drone operation

Develop custom device drivers for Linux operating systems

Develop software for micro-controller based sub-systems

Develop test profiles and scripts for validation and quality assurance

Develop interfaces for third-party payloads

Develop code for automated responses (detect-and-avoid, failsafes, sanity checks)

Develop UI applications

Perform hardware-in-the-loop tests and support the flight test department

Assume responsibility for the documentation and verification of the software development for the authorization by the aviation authority

Support the flight operations department.

## **What you will bring to the role:**

Be a self-starter, one who is able to collaborate with others in a cross-functional team environment

Effectively work to tight deadlines, maintain high-quality outputs, and apply a, "Roll up your sleeve" approach to getting things done

Qualification in software engineering with relevant experience

Strong work ethic, willing to put in the time to realise demanding, challenging time-critical projects

Some directly relevant experience in autonomous and embedded systems is strongly preferred

Minimum 1 - 2 years experience in relevant industries/roles

Experience with UAV autopilots: PX4 or ardupilot

Experience with embedded systems programming

Experience with real-time applications development

Experience with RTOS is highly desired

Demonstrated ability to manage a small team in delivering time-critical complex projects Good working

knowledge of C++, CAN, Arduino, RS232 and related protocols

## **What we can offer you:**

The opportunity to make a real difference and increase access to health care for millions across the globe

Flexible working hours

A collaborative and fun start-up team

Career propelling experience

Interested? We'd love to hear from you if you believe you meet the qualifications, are concerned about impacting people's lives, and have what it takes to be at the forefront of revolutionizing the global healthcare supply chain.

Send your resume and motivational letter to: [info@yaliaero.com](mailto:info@yaliaero.com)