



Embedded Linux Engineer

Martin UAV is actively expanding a small team of world-class engineers to develop our revolutionary unmanned robotic aircraft systems and technologies.

We are currently seeking an experienced Embedded Linux Engineer to join the team in development, test and initial production efforts for a VTOL UAV. The successful candidate will work closely with Embedded Electronics and Flight Control Engineers in a multidisciplinary environment. The ideal candidate should be able to contribute broadly, but will be primarily responsible for autopilot software development and testing.

Required

- Embedded Linux configuration and kernel customization for real time operation
- Experienced architecting, testing and developing multithreaded code for Embedded Linux, and RTOS/Bare Metal environments
- Experience interfacing with Ethernet/UDP/TCP, RS232/RS485, CAN bus, SPI, I2C
- Strong experience with C/C++
- Proficiency in software configuration management, defect tracking, requirements management, and peer review tools (Mercurial, Git)
- Experience managing the building and testing of the software and supporting the development of hardware-in-the-loop and automated test scripting infrastructure
- Ability to deliver great results in short amount of time with minimal outside direction

Desired

- Experience developing and testing flight software for an aerospace application
- Experience working with/customizing autogenerated code
- Familiarity with architecture, design, documentation, QA procedures, and testing of robotic applications
- History of having taken technology and product into mass production
- Experience developing Linux device drivers

Qualifications

- At least 5 years of relevant experience
- BS/MS in Computer Science, Electrical Engineering or equivalent

We are located in Santa Clara, California and offer a comprehensive benefits package including medical, dental, vision and life insurance, 20 PTO days and a 401(k) plan with company matching.

Contact our careers team at Careers@MartinUAV.com to submit a resume and a statement regarding your suitability for this position.