



## Software / Controls Engineer

### Job Description

Martin UAV is actively building a team of world-class engineers to develop revolutionary unmanned aircraft systems technologies.

This position for Software and Controls Engineer reports to the Head of Engineering. This position will be responsible for laying out designs to implement electrical circuit designs. Evaluating design requirements for product realization working with electrical circuit designers. Perform analysis as required to confirm design compliance. This individual will initially develop a strong understanding of the technical performance of our current unmanned systems. In the early phase of this program.

The successful candidate will be respected in the aerospace engineering community as a highly organized self-starter who has direct hands-on experience. He/she must have strong experience as an organizational leader with a proven track record of delivering in a high fast paced environment. In this role, the candidate must be proactive, forward thinking and self-motivated with the ability to work with a team of like-minded engineers. In addition, the candidate must have experience leading and managing off-site and sub-contracted resources.

The candidate must also be effective at providing status updates, developing technical and programmatic presentations, and have the skills necessary to present to customers, suppliers and company leadership.

### Skills and Experience

- Required
  - Strong oral and written communication skills to coordinate and collaborate with team.
  - Ability to develop high levels of credibility and forge solid professional relationships with peers, and management
  - Familiarity with aerospace/defense engineering design and production processes.
  - Strategic thinker with very strong decision making and communication skills
  - Highly self-motivated with a strong bias for action, and excellent problem-solving skills across multi-disciplinary skill sets
  - Experience in a global environment working with customers and suppliers.
  - Strong computer skills and experience with Microsoft Excel, Word, PowerPoint & Project, as well as with ERP System.

### Qualifications

- An undergraduate degree in Aerospace, Electrical or Mechanical Engineering or Computer Science is required.
- 5+ years of direct industry experience, including experience as the responsible engineer for critical components of aircraft avionics suite.
- Exposure to a wide variety of aircraft software development standards.
- Significant experience in C, C++, Matlab and Simulink.
- Experience developing embedded software.
- Experience interfacing, I/O hardware including analog, discrete and serial data.
- Experience with modeling and simulation of physical systems.



- Experience with the creation and execution of systems test plans.
- Experience developing automated test suites.
- Unmanned aircraft systems experience highly desire.
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### **Compensation**

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](mailto:Careers@MartinUAV.com) to submit a resume and a statement regarding your suitability for this position.