



## Software Engineer (Boston)

Top Flight Technologies ([www.topflighttech.com](http://www.topflighttech.com)) – the first commercial UAV manufacturer to utilize a hybrid propulsion engine for extended flight and enhanced payloads is seeking Software Engineer(s) to be part of its engineering team. We are looking for individuals that have core programming and problem-solving expertise, and that can work individually and on team project assignments. The work environment is centered on agile development, where designs are quickly tested, problems resolved, ideas improved, products built and tested. Candidates should have a passion for building innovative product solutions.

Yes, this is a well-funded startup; the work is demanding, and also really fun grasping new skills while working with other bright and energetic engineers and team members.

### ***Candidate responsibilities include:***

- Develop firmware and control software in C/C++.
- Work with control and hardware engineers to develop robust flight control systems for small to large scale drone systems.
- Develop self-diagnostic code strategies to enable in-flight safe recovery from fault states.
- Develop and manage firmware and software revision control and deployment strategies.
- Work with engineering team to design and optimize the next generation of control architecture and power management systems.
- Identify and qualify new technologies that enable remote and autonomous operations of UAV's.
- Integrate sensor feedback with flight controls and communication strategies.

### ***Must have requirements:***

- BS in a technical field.
- Strong working knowledge in C/C++ with application to real time control.
- Experience integrating electrical and mechanical systems with microcontrollers.
- Able to manage multiple parallel projects, highly organized with great attention to detail.
- Strong communication skills (both verbal and written); direct experience interacting with clients/strategic partners.
- Experience with unmanned systems (Fixed wing & VTOL platforms), flight controllers, power systems, sensors, navigation, communications, and RC based solutions all a plus.
- Direct experience with TI Piccolo and Delfino microcontrollers a plus, but not required.

### ***What's in it for you?***

- Work side by side with a world-class technology and business leadership team that is defining new markets in the growing domain space of unmanned systems and where the solutions are recognized as industry leaders
- Tremendous growth opportunity; competitive compensation package including base salary, plus bonus, stock options and benefits.

You must be authorized to work in the United States on a full-time basis for any employer.

Please forward cover letter and resume to [jobs@topflighttech.com](mailto:jobs@topflighttech.com) for consideration.