



## **Sr. Electrical 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 Senior Electrical Engineer(s) to be part of its engineering team. We are looking for individuals that have core electrical engineering 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:***

- Design power, avionics and mixed signal systems for high reliability hybrid power systems.
- Design enhanced motor control systems for BLDC and PMSM motors with diagnostics and motor reporting functionality.
- Develop power management and rectification systems for high current, low voltage, high frequency line sources.
- Integrate all electrical engineering systems with mechanical and flight systems. Help design, test and debug telemetry and control systems.
- Select, specify and source systems and components from vendors and 3<sup>rd</sup> party suppliers. Manage supply chain and vendor qualifications.
- Identify and qualify new technologies that enable remote and autonomous operations of UAV's.
- Leading by example in all of these areas and based on prior business and technology experience.
- Manage other electrical engineers and technicians on a project basis.

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

- BSEE with 5+ years of industrial experience or MSEE with 3+ years of industrial experience.
- Experience with power electronics and motor control technologies.
- Experience integrating electrical and mechanical sub-systems.
- 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.

### ***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.