



Space-oriented startup is hiring

Do you want a challenging and enthusiastic environment?

Be a part of the ThrustMe's team and allow the new space revolution to take off

JOB OVERVIEW

Position: Analog/power electrical Engineer

Education: Master or PhD in electrical engineering

Contract: 12 months that can turn into a permanent position.

Salary: negotiable

Place: Palaiseau/Paris France

New Space is the future of Internet, Big Data and global environmental and humanitarian intelligence. A number of constellations of SmallSats are planned in the near future but lack efficient and low complex miniature propulsion systems.

At ThrustMe we have understood the importance to provide full orbit control of small satellites, and we develop and commercialize a breakthrough propulsion system ideal for these constellations. We provide several solutions from plug-and-play electric propulsion systems to high-end tailored products.

ThrustMe is a dynamic startup emerging from one of the research centers at the École polytechnique and the CNRS with a team of innovators and technical experts and we are backed by a renowned advisory board.

Analog electrical Engineer

Job description: Designs power and RF analog circuitry for new products as well as improves it in existing products. Tasks include analyzing, designing, simulating, prototyping, and testing circuitry used in our electric propulsion power processing units. Responsibilities include documenting designs, working with other engineering disciplines, and transitioning prototype designs to manufacturing. RF work experience is a plus, and general understanding of EMC is expected.

Job activities:

- Perform power and analog electronic circuit analysis, design and simulation.
- Participate in testing and integration tasks.
- Develop models, simulate and verify designs, fabricate prototypes, and test hardware solutions.
- Interface with PCB designer to translate layout to final fabricated boards.
- Work to enhance the performance of existing circuits, subsystems, and products.
- Work with other development team members, participate in design reviews, support integration and test efforts, evaluate product performance, and perform stress analysis.
- Interface with manufacturing engineers in the design and validation of test equipment.
- Create and maintain accurate and detailed design files.

Education and experience:

- Master or PhD in analog electrical engineering (Radio-frequency is a plus)
- Minimum 1-2 years analog circuit design experience with proven hands-on experience in amplifiers, impedance matching, filtering and power supply design.
- Work experience in the space industry and/or radio amateur community is a plus, but not required

Soft skills:

- Appreciate team work, Passionate and Out of the box thinking
- Good level in English and willing to learn French; to work smoothly in an international team