



POSITION : Senior Satellite System Engineer

DETAILS

Position type : full-time/CDI

Starting : September 2018

Salary : depending on experience

Experience : > 5 years

Location : South of Paris or
Toulouse, France



ABOUT EXOTRAIL

Exotrail is a French start-up based in Ecole polytechnique in France. We are part of the *New Space* global movement that is disrupting the space industry. In the past 10 years, the cost of access to space has been divided by 1000. Private companies are investing billions of dollars to develop constellations of small satellites to deliver Internet everywhere, IoT communication or very high revisit rate Earth observation services.

Our vision at Exotrail is to help building an agile space. We are developing propulsion and operation technologies for these small satellites. Our small propulsion system is the smallest Hall Effect Thruster in the world. Thanks to our electric propulsion system and our unique operation software, small satellites can change their orbit after launch. With this new agility, they increase their performance while lowering their costs.

We believe that this is only the beginning and that small satellites equipped with propulsion will be able to deliver new space services to entirely disrupt the space industry by being able to service, repair, assemble and manufacture spacecrafts directly in orbit. Join us and be part of our great ambition !



JOB DESCRIPTION

- You will oversee the design of a satellite platform for innovative missions. Your main objective will be the project management of an ambitious satellite development designed for proximity operations. You will have to:
 - Help our partners to specify their requirements;
 - Conduct a Phase 0 – Phase A analysis for a satellite platform within a quickly moving environment;
 - Lead the team working on the development of a satellite payload;
 - Develop the methods to assess the quality of trajectory design and control;
 - Be proactive and propose solutions to the problems you may identify.
- You will report directly to the Chief Scientific Officer.

PROFILE

- You must have an engineering background with a strong experience in satellite system engineering, aerospace engineering and team management. A background in GNC is certainly a plus.
- You must have a 5+ years in the space industry and be used to manage expert teams.
- You should have very good soft and presentation skills (presentations, technical documentation, assumptions, oral presentation). You need to be able to work with a great autonomy. You must have a full proficiency in English or French (both is a plus). You must have very good analysis skills and work efficiently.
- You should be passionate with space and entrepreneurship and be ready to work in a very demanding, evolving and challenging environment – and be ready to propose suggestions and be proactive!

CONTACT

Send an email at careers@exotrail.com with a CV and a cover letter

