

Internship - Engineer in a launcher architecture design department (M/F)

Description of the company:

Venture Orbital Systems is a young start-up in the aerospace sector whose main activity lies in the development of an orbital nano-launcher dedicated to CubeSats operators named Zephyr. The company recently moved to the region of Reims to begin the design and development phases of its launcher and its Navier rocket engine.

Job description:

As part of the company's "architecture and mission analysis" team, the intern will be responsible for the design of structures and systems to optimize the launcher's performance. In particular, he or she will have to:

- Participate in the design of various mechanical parts,
- Carry out numerical modeling,
- Carry out simulations of structural strength by finite element method,
- Participate in common reflections within the team on topics of development and optimization.

Qualifications:

You wish to carry out an engineering assistant internship in a small structure and prepare a master's degree in engineering school with a specialization in space systems mechanics.

You master computer-aided design (Fusion360 ideally) and finite element method simulations.

You have a good culture of pace engineering.

You are an autonomous, curious and passionate person.

Your level of English allows you to understand technical documentation and to exchange with English-speaking interlocutors.

Further information:

Location : 8 Allée du vignoble, Reims, 51100

Duration of the internship: 4 to 6 months

Start Date: February - March 2021

Contact: yann.goument@venture-orbital.com