



## Engineering Internship

Orbitline Corporation is a technology development and aerospace consulting firm in the San Francisco Bay Area. On the consulting side, we focus on helping space startups get off the ground, offering expertise in business development, organizational management, regulatory, and systems engineering/program management support. Our clients have included satellite, launch vehicle, and space technologies companies. Orbitline is building out its technology development side with projects related to hypersonic airbreathing propulsion, hypersonics, reentry vehicles, and satellite constellations.

We are seeking an engineering student for a paid internship to support our research activities. The intern will perform systems engineering and vehicle level analyses on launch vehicles and reentry vehicles. The intern may be asked to do space mission design, trajectory analyses, propulsion design and various spacecraft subsystem design, depending on the student's knowledge, skills and abilities.

The student should have the minimum following background:

- Interest in the space field
- An acumen for project management and systems engineering
- Experience in an aerospace project
- Coursework in higher level mathematics, computer programming, and physics/dynamics
- Working knowledge of CAD, Matlab (or Scilab), and Ansys Fluent

The student may be asked to support Orbitline's consulting activities as needed.

We are looking for a commitment of approximately 5-10 hours/week for 6 months. The student will work remotely, so the student must be a self-started and able to work independently.

*The subject matter that the student will be engaged in is regulated by US International Traffic in Arms and Export Administration Regulations. Therefore, the student must be a US Citizen or Green Card holder.*

For more information, contact: Derek Lang, at [info@orbitline.space](mailto:info@orbitline.space).