

Function:	Senior Project Engineer
Project/Department:	Engineering

1. Needs

Active Space Technologies is growing in all fronts, we're looking for not one but two Senior Project Engineers to join our remarkable team.

As Project engineer, you will be assigned to a team to work in challenging projects. Your main responsibility is to work within the team to provide cutting-edge design solutions for mechanical systems.

You will have the opportunity to work in various different projects with a multidisciplinary team and demonstrate and develop your skills.

We're looking for senior project engineers that will support and manage both our Design and our FEM teams working with new and innovative space projects.

2. Duties & Responsibilities

- Design and development of optical mechanical systems
 - Design from concept to final product;
 - CAD implementation (CATIA);
 - Elaborate detailed technical drawings;
 - Elaborate and review technical documents;
 - Perform tolerance analysis;
- Design justification and validation
 - Perform FEM analysis (thermo-mechanical and structural);
 - Perform parametric studies and hand calculations;
 - Selection of materials;
 - Use the appropriate industrial code in design validation.
 - Identify the best FEM methodology.

3. Minimal Requirements:

3.1 Academic Qualification

- Master degree in Engineer (Aerospace, Aeronautical, Mechanical or equivalent);
- Good English level.

3.2 Key Technical Knowledge

- CAD Software (e.g. CATIA, Solid Works, Solid Edge ...);
- FEM software (e.g. ANSYS, NX, NASTRAN, Patran ...);
- Knowledge on industrial codes (ASME, RCC-MR);

3.3 Practical Experience

- 5 years of experience in mechanical design and FEA (minimum);
- International experience is a plus;
- Critical thinking and problem-solving skills;
- Planning and organizing;
- Decision-making;
- Communication skills;
- Ability to ask sharp questions;

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- Team work;
 - Adaptability;
 - Stress tolerance.

4. Availability

From immediate to 2 months.

Please apply for the e-mail jobs@activespacetech.com with reference to **VN-0001** in the subject of the message.
