



<b>Job Title:</b>	STK Application Engineer
<b>Department:</b>	Research & Development
<b>Division:</b>	Space & Defense

The job duties performed below as STK Application Engineer contributes to R&D operations which support the division of Space & Defense in the company.

### **Sample Job duties**

- Needs to know how to use STK to design and simulate for specific deliverables.
- Designing and implementing scenarios and models on STK and conducting their validation.
- Communicating research outcomes and progress to researchers and staff.
- Crafting technical reports, and executive summaries that outline experimental processes and results.
- Developing research initiatives and seeking funding through detailed proposals and bids, while also coordinating the development of aerospace products and materials.
- Continually acquiring knowledge on scientific breakthroughs and technological innovations pertinent to aerospace science and engineering.
- Acquiring proficiency in aerospace-related electronic components, including RF & Microwave Components, Software Tools relevant to space applications, Electro-Mechanical Systems used in spacecraft, and Interface Devices for space communication systems.
- Engaging in and rigorously analysing current aerospace research endeavours.
- Adapting to the evolving landscape of the aerospace industry, with an expectation for the role to incorporate new responsibilities as necessary to meet the changing demands of the field.

### **Skills and experience**

- Any masters or bachelor's degree with 2+ years in aerospace engineering with demonstrated research credentials in aerospace sector.
- Knowledge of advanced Space & Defense projects such as modelling, simulations, Writing on scientific thesis and technical projects.
- Hands-on experience on Software to design the simulation Ansys STK, MATLAB, CST Studio, Geant 4.
- Good track record of publishing research.