

## JOBS DESCRIPTION

<b>Job title</b>	Ground Station Software Engineer
<b>Company</b>	ST Electronics (Satellite Systems) Pte Ltd
<b>Employment Type</b>	Permanent
<b>Working Location</b>	Singapore

### Job purpose

Looking for a passionate Software Engineer to design, develop and test ground station software.

### Responsibilities

Responsible to analyze, design, implement and test the ground station software. Participate in the system integration and testing with the tracking antenna, satellite bus and payloads to ensure the ground station software meets the system requirements and specifications.

- Derive the ground software requirements and specifications from the ground segment requirements.
- Develop the ground station software design such that it meets the ground software requirements and specifications.
- Implement the ground station design in C# and unit test all the software components.
- Prepare test plans & and test descriptions that meets the ground software requirements and specifications at unit, sub-system and system levels.
- Prepare all the required software documentations needed to properly capture the requirements, design, codes, test plan and test descriptions and test results of the entire ground software.
- Continuously develop new skills & techniques in software technologies to improve and reduce software development time and effort.

### Qualifications

#### Requirements:

- Degree or Masters in Computer Engineering or Computer Science.
- Degree or Masters in Electrical Engineering, Electrical & Computer Engineering, or Computer Engineering
- Major specialization in Computer Architecture, Computer Communications, Computer Software Design or Embedded System will be an advantage
- Fresh graduate, with good results, may apply.

#### Skills & Competencies

##### People Skills:

- Able to communicate with people from different engineering disciplines.
- Commitment and good team player

##### Operations Skills

- Able to solve problems under time constraints

- Able to communicate and write well in English

Strategic Skills:

- Understand software engineering process
- Able to handle engineering of complex, mission critical software with latest software engineering technologies and practices

## Experience

- Experience in object-oriented software analysis and design using UML.
- Experience in software implementation using C#. Ability to code in Windows Communication Foundation (WCF), Windows Presentation Foundation (WPF), ASP.NET, SQL/LINQ is an advantage.
- Experience in software development involving 32bit microprocessor or 8/16bit microcontroller will be an advantage.
- Working knowledge in unit, sub-system and system level software testing using suitable testing tools.

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Interested parties please send your CV to the following email:

[careers\\_satcoms@stee.stengg.com](mailto:careers_satcoms@stee.stengg.com)

However, we regret that only shortlisted candidates will be notified and contacted.