GRADUATE CONTROL SYSTEMS SOFTWARE ENGINEER

LOCATION: New Malden

STATUS Permanent Contract / Full Time

START DATE September 2022

GENERAL MISSION

At Northrop Grumman we work closely with our customers to create software centric capabilities that allow them to execute their mission with ease and success. We are leaders in marine navigation systems, integrated platform management systems, and maritime command and control applications.

Role

As a key member of the software engineering team, this role will be to deliver software artefacts whilst working to a full software development lifecycle through process and procedural activities.

Key Responsibilities

- Capture, interpret and develop customer requirements.
- Produce technical documentation in accordance with company/customer procedures.
- Specify, design and test solutions for PLC & SCADA control systems.
- Manage data communications with third party equipment.
- Develop PLC & SCADA code from multiple design formats such as Block Diagrams, Flow Charts or Pseudo Code.
- Validate software designs through analysis and test.
- Support the preparation of contract changes and proposals.
- Be aware of and comply with company standards of conduct and all relevant statutory requirements.
- Carry out any other reasonable management request.
- Provide input to project meetings and team briefings.
- Undertake any other reasonable task as requested.

General Operational duties

- Attend Business Management department meetings as required
- Remain compliant with all applicable processes and procedures

Person Specification

Essential qualifications / experience

- Engineering Degree or in a suitable related discipline e.g. Electronics, C&I engineering, Systems engineering.

Preferred qualifications / experience

- Experience or knowledge in Software development Lifecycles, processes and procedures.
- Understanding of systems Engineering approach to software development.
- High Level Programming Language (VB, C#/C++ Programming).
- Understanding of configuration management systems, change control, software testing and verification.
Competency/Skill requirements

- Adept at problem-solving, able to develop solutions to a variety of problems
- Good attention to detail
- Organised, adept at workload management and prioritising appropriately to meet deadlines
- Flexible and responsive to changing priorities
- Proactive team worker, equally self-motivated and able to work autonomously
- Good interpersonal skills, able to engage effectively with all audiences/stakeholders
- Proficient user of MS office
- Understanding or experience of electrical design generating applications
- Competent in PowerPoint (and face-to-face presentation delivery, where required)
- Fluent in written and spoken English
- Strong customer focus
- Engaging ‘can do’ attitude

Other requirements

- Travel requirements: Occasional UK travel may be required to attend team/customer meetings and training activities
- Clearance requirements: Hold SC clearance or ability to achieve it

WHY NORTHROP GRUMMAN

Being a part of Northrop Grumman gives you the opportunity to use your skills to make a difference in our mission of enabling global security. Our company grows because of our employees’ dedication and commitment to achieving our mission, something we always remember. In return for working for us you will have access to a benefits package that provides you with flexibility to balance your professional career with your personal life, health & well-being benefits, discount schemes, pension benefits and investment in your future development.

We are committed to equality and diversity in our workplace. Northrop Grumman provides equal employment opportunities to all employees and applicants without regard to an individual’s protected status, including race, ethnic origin, nationality, national origin, ancestry, sex/gender, gender identity/expression, gender reassignment, sexual orientation, marriage/civil partnership, pregnancy/maternity, religion or belief, creed, age, disability, genetic information, or any other protected status or characteristic.