Grad - Control Systems - Defence - SC - New Malden - 3 Posts - Sept 2023

Role: Graduate Control System Engineer

At Northrop Grumman, our employees have incredible opportunities to work on revolutionary systems that impact people's lives around the world today, and for generations to come. Our pioneering and inventive spirit has enabled us to be at the forefront of many technological advancements in our nation's history - from the first flight across the Atlantic Ocean, to stealth bombers, to landing on the moon. We look for people who have bold new ideas, courage and a pioneering spirit to join forces to invent the future, and have fun along the way. Our culture thrives on intellectual curiosity, cognitive diversity and bringing your whole self to work — and we have an insatiable drive to do what others think is impossible. Our employees are not only part of history, they’re making history.

Your Opportunity to Define Possible. Our Opportunity to Deliver the Nation's Security. Together.

Salary: £30,000 starting salary with performance increments of around £2,500 every six months

Role Clearance Type: Security Clearance (SC). Before you start with Northrop Grumman, you’ll need to complete BPSS clearance. This usually takes up to three weeks. We’ll then require you to attain Security Check (SC) clearance. Achieving SC clearance is a rigorous process. It means that we need applicants to be British citizens, to have lived in the UK and not have travelled abroad for over 6 months in the last five years. SC vetting will look into you, your previous roles, criminal records and financial history.

You will need to have the right to work and live in the UK indefinitely, we are not able to support visa applications as part of this recruitment.

Location: Burlington House, New Malden Kingston-Upon-Thames, London.

Number of Positions: 3

Start Date: September 2023

About Your Opportunity:
Work on pioneering projects that use cutting-edge technology and innovation for strategically important National Defence Programmes.

Our Early Careers programmes are the lifeblood of our organisation and we are committed to ensuring exposure to a variety of stimulating work alongside training and development that will help you to shape your career.

We work closely with our customers to create software centric capabilities that allow them to execute their mission with success. As a key member of the controls software engineering team, this role will be to deliver software artefacts whilst working to a full software development lifecycle through process and procedural activities. A great opportunity to apply Control Systems Engineering techniques in a very specific fashion on strategically important National Defence Programmes.

We are a multi-disciplined collaborative team that delivers total solutions to our customers. We often have to think outside of the box, to achieve the desired functional capability that in other industries is often overlooked or not necessary.
Our matrix driven organisation provides new experiences and skills, with continuous development both at a functional level and at a programme level, supporting your career and training needs. We believe that creating a team that values diversity and fosters inclusion is essential to great performance and we are proud of our quality of work.

**Essential Skills and Experience:**

- Engineering Degree or in a suitable related discipline e.g. Electronics, C&I engineering, Systems engineering.
- Experience or knowledge in Software development Lifecycles, processes and procedures.
- Understanding of systems Engineering approach to software development.
- Adept at problem-solving, able to develop solutions to a variety of problems
- Organised, adept at workload management and prioritising appropriately to meet deadlines.

**The role- your 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.
- Develop PLC & SCADA code from multiple design formats such as Block Diagrams, Flow Charts or Pseudo Code.
- Validate software designs through analysis and test.

**Your Benefits:**

- **Flexible working schedules** - Many of our teams work flexibly and depending on the project, you may work from the office, home or on a hybrid model. We are passionate about creating an environment where people can develop and grow, follow their interests and be the best version of themselves. And in order to do this, you will need to be based near one of our locations. We also offer condensed hours and flexible working.
- **Flexible Benefits Package** – choose which NGUKL benefits you want to satisfy your personal needs. Core Benefits provided for you are Healthcare, Dental, Life Assurance and Pension. Benefits you can flex include Critical Illness Cover, Health Cash Plan, and Health Assessments.
- **Employee Incentive Programme** – exceptional performance is recognized through our annual incentive programme which is awarded to top performers who excel
- **Career Development** – opportunity for ongoing professional development and career growth opportunities.

**Your Future:**

“I am passionate about creating an environment where people can develop and grow, follow their interests and be the best version of themselves.”

**Andrew Nelson, Early Career Development Manager @ Northrop Grumman UK**

Diversity is at the heart of our success. Our team share experience, knowledge and new thinking gained from a wide range of backgrounds perspective, culture, gender, race, age and many other elements across several industries. We welcome candidates from all backgrounds and particularly from communities currently under-represented within our industry. We treat everyone with respect and foster safe and inclusive environments.
About Our Responsibilities:
Our customers operate in unique environments which offer new and exciting challenges every day, cultivating a place where you can learn and thrive, working alongside the best minds in industry. We’ll give you space to develop your career, where your ideas can shape the future of our dynamic business.

We promote collaboration to achieve more than we could imagine, together. And within a respectful and inspirational environment, we value what you say and do.

How to Apply:
Interested in our opportunity?
Yes – Just click here to apply Sept23Graduates

Our UK Talent Hub is a partnership with Talent Solutions. This team will manage your application on our behalf. You will be directed to an online application where you will need to create an account, tell us a bit about yourself and also complete three personal statements. Our team will then be in touch to update you of the outcome and next steps for successful candidates.

If you would like to talk to us, require any help, support or assistance throughout the process please just email us at: earlycareers@uk.ngc.com and one of the team will be in touch.

Northrop Grumman UK:
Work with a global brand that makes a real contribution to our nation’s security and future. At Northrop Grumman UK, the brightest minds come together to push the boundaries and Define Possible. As leaders in the digital transformation of Aerospace, Defence and Intelligence we are providing ground-breaking outcomes for our customers.

Our UK Defence business is a Sovereign software and systems centre of excellence. As well as developing and supporting UK wide and internationally deployed multi-domain command and control systems, our work is critical to the modern backbone of the Royal Navy. We pioneer – with fierce curiosity, dedication, and innovation, we seek to solve the world’s most challenging problems.

Find out more: https://www.northropgrumman.com/careers/job-search-united-kingdom/