

Graduate Scheme Opportunity

Graduate Control Systems Engineer

Purpose of job	As a Graduate Control Systems Engineer, you will support the development of innovative control system solutions for AEUK's above-water and underwater systems and products.
Reporting relationships	Reports to Team Leader
Location	Dorset Innovation Park, Winfrith
Employment status	Permanent, full time (37 hours/ week)

Atlas Elektronik UK have designed their Engineering Graduate Programme to support those with a passion for Engineering to grow into the next generation of specialists to develop cutting-edge maritime technology for worldwide customers and the UK Royal Navy.

Atlas Elektronik UK are dedicated to developing the next generation of talent in engineering and technology.

As a Graduate Control Systems Engineer you will use and develop technical knowledge to offer solutions to problems; thinking innovatively and creatively within a robust engineering framework. You will be offered a permanent role from day one and step onto a 2 year Graduate Scheme to develop your skills and hands on application of theory. Suitably experienced and qualified mentors are provided to each of the graduates to further support their professional progress. The scheme is closely monitored with regular reviews and a graduate training programme including a project set by the Senior Management Team. The graduates will continue to be mentored and get support from the company as well as the committee that oversees the scheme until they achieve their desired incorporated or chartered status.

What we are looking for in you:

- On course for a degree in Control System engineering (or related discipline: Electronics, Mechatronics, Embedded Systems etc)
- Understanding of generation of models of system behavior for system design and validation activities
- Understanding of Engineering/Systems Engineering process
- Demonstrate excellent written and verbal communication skills
- Strong interpersonal skills
- Excellent interpersonal skills and be able to interact with people at all levels both within the company and externally
- Computer literacy in order to operate information systems. Proficient in Microsoft Word, Excel, PowerPoint
- Strong team focus
- Strong time management skills
- Ability to work independently at times under own initiative
- Ability to use own initiative when working under pressure
- Prioritise and manage personal workload to ensure deadlines are achieved.
- Willingness to travel in the UK and overseas

Desirable primary Control System Skills:

- Knowledge of one or more of the following:
 - Rockwell PLC toolchain;
 - NI LabVIEW
 - Matlab/Simulink and supporting toolboxes;
- Knowledge of hardware in the loop and software in the loop testing
- Knowledge of developing, testing and evaluating theoretical and prototype designs
- Experience/familiarity with software development lifecycles
- Knowledge of machine learning/AI and its application to Control System design and integration

... a sound decision

Challenges

- Working in a dynamic and fast paced environment
- Balancing conflicting requirements
- Work effectively across multiple departments

Key accountabilities

- Responsible for supporting and delivering key Control System products across the product lifecycle
- Working closely with the project teams including the System Design Authority, Engineering Manager and Team Engineers
- Attending client and supplier meetings.
- Attending and supporting equipment tests.

Behavioural Requirements

- Must be a professional, flexible, reliable team player, who is pro-active with motivational drive and initiative to overcome problems quickly and effectively.
- Ability to work across multi-functional teams and business areas.
- Possess excellent organisational and time management skills that will equip the team and business with an efficient service.
- The post holder will be required to develop knowledge of the processes and co-ordination of their appointed areas with the help in the first instance, but eventually will be expected to take full responsibility for their appointed tasks.

More information

Graduate intake planned for September 2023.

The successful candidate must be able to achieve full SC (Security Clearance).

How to apply

Please forward your CV and a covering letter explaining why you are suitable for the post to Recruitment@uk.atlas-elektronik.com by the closing date and state the job title in the subject line.

Due to the nature of our work and the projects you will be working on, all candidates must be eligible to gain security clearance. ATLAS ELEKTRONIK UK Ltd is an Equal Opportunities employer and welcomes applications for all posts from suitably qualified people regardless of age, disability, ethnicity, gender, marital status, sexual orientation, religion or belief.

Only successful applicants will be contacted.

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