

Job Opportunity

Control Systems Engineer → JO_37_20

Purpose of Job	To develop and maintain software within a range of embedded systems. To provide software management throughout the development lifecycle.
Reporting relationships	Reports to Team Leader/Head of Department
Staff responsibility	May be required to act as work package lead/manager at system and/or subsystem level
Scope	To lead the development of software and integration activities for solutions, products and systems within the maritime domain
Location	Dorset Innovation Park, Winfrith
Employment status	Permanent, full time (37 hours/ week, Monday to Friday)

An exciting opportunity has arisen for a motivated and enthusiastic individual to join our successful and growing company in Winfrith, Dorset. ATLAS ELEKTRONIK UK together with its subsidiaries, is a technological leader in many sectors and has an excellent reputation. We have unique and unrivalled domain knowledge in weapon handling, mine-hunting, naval weapons and combat systems.

Knowledge, skills and personal qualities required

- Proven ability to lead software developments
- Experience developing embedded software with C/C++ and RTOS
- Experience with autonomous or robotics software
- Educated to Degree or equivalent level in a software engineering or related discipline
- Knowledge and understanding of Software Engineering. Preferably have an understanding of military systems, in particular maritime systems.
- Understanding of Open Systems Architectures and Principles
- Significant experience of Software Engineering Lifecycle processes and tools
- Ability to solve complex problems and to critically review results and methods to ensure quality
- Ability to expand knowledge into new domain areas, work across domains and see the bigger picture
- Excellent communication skills, including delivery of presentations
- Excellent written skills particularly technical report writing, ability to communicate with expert and non expert stakeholders
- Ideally the candidate will have experience in one or more of the following domain areas:
 - Maritime Combat Systems, integration of equipment and software
 - Off-board unmanned systems
 - Command and Control Systems
 - Acoustics / Sonar
 - Software Safety (DEF STAN 00-56 & IEC 61508 or equivalent)

Desirable primary software/system skills:

- C/C++ for embedded systems
- LabView
- Matlab/Simulink
- Exposure to AI/ML techniques and methodologies
- Requirements management (DOORS experience desirable)
- UML / Enterprise Architect for system design

Challenges Other desirable software skills/experience

- Python (ideally with exposure to one or more of Tensor Flow, Keras or Scikit)
- Rockwell PLC programming (Studio 5000)
- Atlassian Toolset
- Communication protocols (CANBus, Ethernet/IP, RS485)
- Database design
- ISO 9001 and TickITplus standards

... a sound decision

Key accountabilities

- To be agreed by appointment

Behavioral requirements

- Technically proficient
- Strong communication skills
- Proactive, willing and responsive
- Motivated and genuinely interested in problem solving and developing logical, robust solutions
- Able to multi-task and prioritise a varied work load
- Wants to expand knowledge base

More information

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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