

Job Opportunity

Principal Software Engineer

Purpose of Job	Application of a software engineering approach to undertake all tasks within a software development lifecycle
Reporting relationships	Reports to Team Leader/Head of Department
Staff responsibility	May be required to act as software lead/manager at system and/or subsystem level
Scope	To lead the development of software systems for above-water and underwater solutions, products and systems
Location	Dorset Innovation Park, Winfrith
Employment status	Permanent, full time (37 hours/ week)

Knowledge, skills and personal qualities required

- Proven ability to lead software developments
- Experience of lead teams of software engineers either functionally or in a line management role
- 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
 - Mine countermeasures
 - Off-board unmanned systems
 - Command and Control Systems
 - Acoustics / Sonar
 - Software Safety (DEF STAN 00-56 & IEC 61508 or equivalent)
- Primary software/system skills/experience
 - Requirements management (DOORS experience desirable)
 - UML / Enterprise Architect for system design
 - C++ / Visual Studio
 - Java / JavaFX / Netbeans
 - Unit Testing / JUnit / CppUnit
 - HMI design and development
 - Configuration management / Subversion / Mantis
 - ISO 9001 and TickITplus standards
- Other desirable software skills/experience
 - Fortran
 - Matlab
 - LabView
 - SQL
 - Web (HTML, JavaScript, Python)
 - Usability Testing
 - IT skills, protocols, switch config, hardware config, virtualisation

... a sound decision

Key accountabilities and responsibilities

- To be agreed on appointment

Behavioural requirements

- Strong leadership skills
- 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 to our Recruitment Partner, Morson International, 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.

ATLAS ELEKTRONIK UK Ltd

Dorset Innovation Park,
Winfrith Newburgh,
Dorchester | DT2 8ZB
United Kingdom

Phone: +44 (0) 1305 212400
enquiries@uk.atlas-elektronik.com
www.atlas-elektronik.com

