



ADELARD

CONSULTANT

£35,000-45,000 + Benefits

Adelard exists to provide independent and technically sound advice on how to engineer and assure the trustworthiness of computer-based systems.

We are an influential, London based consultancy and product company working in the nuclear, medical, defence, finance, air traffic control and rail sectors and in critical infrastructure protection.

Our team supports the delivery of several critical projects. Our key clients include large multinationals as well as government agencies and other leading national and international infrastructure providers.

The role

The role will include work and exposure across the following areas:

- *Software, hardware and system analysis and modelling:* We analyse and model software-based systems using various techniques, as well as FPGA-based systems. The analysis may be based on design documentation as well as on the source code. We apply modern analysis techniques to real world software systems. The techniques include formal methods, model checking, static analysis (control and data flow, semantic analysis, integrity and concurrency analysis) as well as statistical analysis of field data and a variety of testing techniques. The work involves both the engineering of tools as well as their application.
- *Safety and security assessment:* We contribute to the assurance of our clients' projects by assisting with hazard analysis, providing independent advice, reviewing their safety and security cases and the development approaches and verification implemented. We assess the behaviour of some of the interesting and important computer-based systems in operation today. Our new employees often do not have a safety or security background - we will provide suitable training in-house for anyone with technical aptitude. Having capability and the right attitude is more important than domain knowledge.

You will need a good degree in a relevant subject (computer science, mathematics, physics etc) and most of us have Masters degrees or PhDs. You should have a strong background on computer science or software engineering, like code and computers and understand how they work. You should be able to write well and present technical material clearly. You must be capable of weighing diverse opinions, providing advice that is firmly based on an understanding of policy and precedent, and when appropriate, defend that advice in a firm but non-confrontational way.

As the work might involve classified information, you should have or be qualified to obtain UK security clearance.

The position may involve travel within the UK, and in some cases to Europe and the US.

Why Adelard?

At Adelard, you will be working within an interdisciplinary consultancy of international standing. We are a flexible and dynamic place to work with minimal bureaucracy. You will be able to influence the company's development and have easy access to senior staff. Staff are encouraged to be innovative and the company responds quickly to change.

Adelard's diverse interests mean that staff at Adelard work on several projects at once, often in several different industries.



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If successful, the candidate will be required to complete enhanced pre-employment background checks, which will include checks to confirm identity, right to work, criminal records disclosure and at least two references. These checks are only undertaken upon acceptance of an offer of employment.

Closing date for applications 12th January 2021. Applications will be evaluated as received and initial interviews might be held prior to the closing date.

To apply, please submit a CV and a letter of support to Victoria Raven at office@adelard.com.

Please note Adelard LLP is not using Agency services to fill this vacancy.

Adelard LLP is an equal opportunity employer.