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# Software Engineer (Year in Industry)

UTC Aerospace Systems is one of the world’s largest suppliers of technologically advanced aerospace and defence products. We design, manufacture and service systems and components and provide integrated solutions for commercial, regional, business and military aircraft, helicopters and other platforms. Located in Malvern, Worcestershire, the Intelligence Surveillance and Reconnaissance (ISR) Systems UK Business Unit of United Technologies Aerospace Systems designs, builds and supports operational level Systems and Software for ISR data acquisition, management and exploitation.

The position is for a highly skilled and motivated Software Engineer (Year in Industry) to work within a team to carry out software engineering duties across the whole software lifecycle on major UK & Overseas projects.

**The suitable candidate:**

Reviews requirements, with assistance as required. Designs, implements, tests and debugs simple to relatively involved code from provided requirements. Modifies and tests existing code documents work to agreed standards, able to use standard tools.

Reviews requirements in order to create test cases, Provides test scripts and identifies test data, executes tests, records results and analyses results against test plans, records and reports issues using standard tools.

Aids software and hardware configuration, records and reports issues using standard tools, executes tests, records results and analyses results against test plans.

Codes to supplied designs, specifying interfaces where required, Produces detailed designs from high level specifications, creates suitable documentation to appropriate standards.

**Personal Qualities and Skills:**

* Technical and numerate background
* High level of communication skills
* A good understanding of agile techniques and how to apply them
* Ability to work well within a team
* Proficient in the use of Quality Management Systems
* Ability to design, implement and test object orientated software on a Windows or Linux platform
* Ability to analyse requirements and generate tests to ensure the requirements are met.
* Good problem solving and bug tracking skills
* Deploying software in an agile environment
* Proficiency in Java, Javascript or C++ and at least one scripting language such as python, ruby or bash.
* Profiency in creation of automated tests including tests for GUI
* Familiarity applying Agile Practices (SCRUM Framework)
* Software Design using UML,
* Familiarity with Git version control system
* Familiarity with Atlassian suite
* Familiarity with developing multi-threaded software
* Knowledge of Web Technologies such as Spring framework.
* Knowledge of creating web applications using frameworks such as Ember JS
* Knowledge of both SQL and NoSQL database technology such as Casandra, MongoDB, CouchDB, etc.
* Development tools on both Linux and Windows platforms
* Knowledge of video or image processing libraries
* Graphical programming using OpenGL

*UTC Aerospace Systems is a multi-national organisation who can provide exceptional career opportunities to exceptional individuals.*

*If you feel that you can meet the challenge please apply by submitting your CV with a covering letter to Emma Butcher at emma.butcher@utas.utc.com*

You need to be a UK national to apply for this vacancy.

Closing date: 17th February 2014