

Software Engineer



COMPANY OVERVIEW

Founded in 1987, Stirling Dynamics has grown from a handful of expert engineers to a team of 100+ staff. The success of the company is made possible through a customer-focussed, can-do culture. Everything we do is underpinned by our company mission statement:

- To deliver innovative technical services and technology solutions into our core markets
- To build sustainable, beneficial relationships between suppliers, clients and institutions
- To be recognised as an innovator and catalyst of new technologies
- To continue to make valuable investments for the future through education, research and development

STIRLING AT A GLANCE



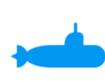
70+

Aircraft worked on



300+

F-35 pilot control sets produced



10+

Navies supported worldwide



30+

Years of service



6

Technical papers presented to industry last year



70%

Percentage of exports

STRATEGY AND BUSINESS PERFORMANCE

Strong financial performance is essential to support investment and growth. Looking forward we aim to achieve the following objectives:

- Increased business development and marketing activities to develop new markets
- Addition of new engineering capabilities to meet emerging customer needs
- Technology refresh for control products and systems
- Increased investment in training and professional development schemes

BENEFITS



Up to
30 days

Annual Leave



Tax/NI savings

Pension Scheme



10am-4pm

Flexible Working

½ day Friday



Up to
£1,000

Cycle to Work



Personal/ Company

Bonus



Up to
£3,000

Recommend a Friend



Private

Healthcare



2x salary

Life Assurance

We offer a range of benefits to our employees to recognise their efforts. Playing hard is equally as important as working hard, so regular events are held throughout the year which provide an ideal opportunity to mix socially.

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THE ROLE

Due to an increase in volume of work from new contracts and supporting continued growth, Stirling Dynamics is looking for a talented Software Engineer to join our team. The candidate will be able to further develop their skills within an exciting and challenging environment.

The role will primarily be providing the software development & verification needs to the Active Control Product team. This will include the development of the existing real-time control software, aircraft simulator interface software and the development of supporting software tools to improve production efficiency.

Further ahead there may also be opportunities for the candidate to support the growing requirement for coding of safety related software, within the Marine and Aerospace domains.

This role is based in our Clifton office (moving to Filton in Dec 2019) and may require occasional trips to customer sites.

KEY ACCOUNTABILITIES

- Provide Software for the Active Control product range
- Provide technical customer support for the Active Control products during software and system Integration activities
- Aid the development and V&V of Active Control Product updates
- Support coding of safety related software within the company
- Follow development procedures, including those issued via the Company's Quality Management System, classifications and statutory bodies

QUALIFICATIONS, KNOWLEDGE AND SKILLS

- Candidates will be degree qualified in a related discipline
- C / C++ coding experience
- Ethernet / IP experience (UDP / TCP)
- Version Control System experience (Perforce, Git, Etc)
 - Understanding of branching work streams for development and release
 - Understanding of software release and version control
- Experience of using ticket systems (Jira, etc)
- Command line Linux experience
- Experience of Real Time Operating Systems such as QNX is desirable
- Awareness of coding standards and how this effects code quality is desirable
- Awareness of unit testing and how this effects code quality
- Understanding of electronic principles

PERSONAL CHARACTERISTICS

The personal qualities of the jobholder will be key to success in this role. The role demands a self-motivated attitude with a real drive to progress. The following characteristics and qualities are identified as essential for the role:

- The successful candidate must be able to achieve SC Clearance
- Enthusiastic, self-motivated and be able to demonstrate initiative
- An ability to manage multiple tasks and work independently when required
- Ability to take ownership of an activity and see through to a successful outcome
- Demonstrable diplomatic and professional approach when dealing with colleagues and customers
- The confidence to challenge practices and the willingness to question to gain a full understanding of issues

Software Engineer

- The capability to work efficiently and accurately, with an attention to detail

FACTS AND FIGURES

Pay & Benefits	–	Competitive Package
Department	–	Software
Reporting to	–	Principal Software Engineer
Location	–	Clifton, Bristol, UK, moving to Filton, Bristol, UK in Dec 2019
Contract type	–	Full-time, fixed term / contractor with potential to become permanent