

In the company of...

SOLVERS



Business area: Aerospace, Defence, Security & Technology (ADS&T)

Requirements: Achieved or predicted 2:2 or above (Masters or Bachelors) degree in Aeronautical Engineering, Aerospace Engineering, Control & Systems Engineering, Electrical / Electronic Engineering, Mechanical Engineering, Systems Engineering, Software Engineering, Chemical Engineering, Physics, Engineering Mathematics, Mechatronics & Robotics, General Engineering or relevant STEM subject.

Our teams and what they do

You will be joining a great team with a passion to solve problems, using holistic thinking and developing innovative solutions.

Our Systems Engineering team forms part of the cutting-edge Advanced Engineering Delivery and Consultancy Practice (within ADS&T), offering a range of independent advice and services across defence, Critical National Infrastructure (CNI) and aviation domains.

Technology is evolving at an ever-increasing rate and the pace of its adoption is having a profound impact on society. We believe that understanding complex systems and the interactions between them is vital to solving tomorrow's problems.

You will benefit from:

- Working with passionate and diverse minded people in multi-disciplinary teams to understand problems and develop solutions;
- Using strategic thinking to identify interactions between people, processes, technology and the world;
- Finding innovative ways to understand and communicate complex ideas;
- Designing, integrating and managing complex systems throughout their life;
- A thriving Early Careers community, with focused mentoring and support to achieve professional registration.

The role will see you learn and use techniques such as:

- Requirements & Acceptance: Capturing needs as robust requirements and developing ways in which they can be successfully tested;
- Model Based Systems Engineering (MBSE): Developing system architectures, models and simulations to support system requirements, design, analysis and test activities;
- Integration: Understanding the interactions between systems and how they behave as a whole;
- Systems Thinking: Understanding the purpose and context of a system, how they behave and how they manage themselves;
- Project Management: The planning, development and implementation of solutions to complex problems while balancing quality, cost, time and risk;
- Communication: Explaining complex concepts to stakeholders and non-technical team members.

As a Systems Engineer within ADS&T you will work with teams across mission critical industries, contributing to the security and resilience of the nation, and exploiting advanced technologies to help clients to meet, and embrace these exciting times. Domain areas include:

- UK Defence Equipment and Infrastructure Programmes, including submarines and strategic defence facilities;
- Defence information systems, including aeronautical information systems;
- Aeronautical and space systems;
- Critical National Infrastructure (CNI)

About us:

Our Early Careers Programme is the ideal framework to enable enthusiastic people to drive their own career development. You will be supported and motivated to develop the skills and knowledge you need to progress in your early career. Our programme features signature events, core training modules, professional development mentoring and on-the-job experience.

We offer a world of opportunities that will enable you to shape your career the way you want to.

You will be given the independence and responsibility to drive your career alongside having a supportive structure in place to help you grow, with guidance from experienced consultants & engineers. You will work on real life projects and being given a variety of assignments.

Our early careers programmes embrace an amazing culture and social aspect to allow you to network and build professional relationships which will enhance your development.

Locations for this business will include: Bristol

To apply, please return to the main job specification