

# Job Description - Systems Engineer



Job vacancy:	Systems Engineer
Reporting to:	Lead Technologist
Base:	Bristol & Bath Science Park
Annual salary:	Subject to applicant experience and skills
Package:	25 days annual leave 4 x salary life assurance Group Personal Pension Scheme

## Overview

The Centre for Modelling and Simulation (CFMS) has an exciting opportunity for a Systems Engineer with a proven track record within a technology-based business environment. CFMS is an independent, not-for-profit specialist in digital engineering capability. As a trusted and neutral provider, our vision is to be the recognised, digital test bed for the design of high value engineering products and processes. The Company provides the opportunity and unique combination of infrastructure and skills to collaborate and explore new complex products throughout their lifecycle. We seek an enthusiastic and self-motivated individual to join our team.

## Job Purpose

The Systems Engineer will have the knowledge, expertise and capability to model artefacts in the system engineering lifecycle, including but not limited to: stakeholder requirements, system function, system architecture, product modelling and test strategies. Additionally, a firm understanding of modelling and simulation methodologies, techniques and tools used throughout the system engineering design lifecycle is required.

## Key Responsibilities

- Work with the lead technologist to develop, implement and test system architecture solutions for CFMS customers
- Contribute to project reports and presentations
- Present technical project findings at conferences or in project meetings

## Key Relationships

- Key Stakeholders
- Technical Team
- Marketing Team
- Senior Management Team

## Decision Making

- Assess situations to determine the importance, urgency and risks, and make clear decisions which are timely and in the best interest of the organisation.
- Set priorities, develop a work schedule, and monitor progress towards goals and track activities.

## Problem Solving

- Work cooperatively and effectively with others to set goals, resolve problems and make decisions that enhance organisational effectiveness
- Amends priorities to ensure delivery to timelines when circumstances warrant it
- Resolve points arising from reviews

## Experience

- 3+ years experience in system modelling and simulation
- Knowledge of model optimisation techniques
- Experience in customer facing activities such as technical meetings, requirement gathering or site acceptance testing
- Presenting
- Report writing
- Strong understanding of customer and market dynamics and requirements
- A sound technical background in Engineering or Applied Computing domains, ideally both
- Evidence of achievement within a commercial environment

## Skills, Knowledge and Competencies

- Excellent written and verbal communication skills
- Organisation and planning
- Formal presentation skills
- Customer focus
- Teamwork
- Self development
- Attention to quality
- Results focused
- People development
- Initiative

To apply for the position of Systems Engineer, send a curriculum vitae and covering letter to [careers@cfms.org.uk](mailto:careers@cfms.org.uk)

Direct applications only - no agencies

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