



<https://newtoncolmore.com/job/senior-simulation-engineer-systems-engineering/>

Senior Simulation Engineer – Systems Engineering

Description

Newton Colmore is working with an instrumentation manufacturer in Cambridge, and we are assisting them in their search for a senior simulation engineer.

This is an exciting period of growth for this company, that work on several different product lines, from state-of-the-art airport scanning technology to top secret RADAR systems.

You will be aiming to build and test physics-based models at the edge of what's possible

What you will be doing.

You will model and analyse complex systems using MATLAB/Simulink, working alongside a multidisciplinary team of scientists, engineers, and designers. This isn't incremental work — you'll be applying deep engineering fundamentals to problems that directly impact people's lives.

What you can bring.

You will need to have strong domain knowledge of MATLAB and Simulink, ideally applied to systems engineering. This will need to include physics-based modelling and model-based systems engineering, with test bench development and code revision.

You will need to be naturally curious, adaptable, and any knowledge of signal processing or Simulink HDL would be highly desirable.

Why this role

The company offer an environment that promotes pushing the boundaries of what is possible and trust their people to do great work. You will almost exclusively be working on new product development, and as well as autonomy, they make sure you have the right mentoring whenever you need it.

They are offering tailored packages and can modify the seniority of the role to suit the right person. The package has a full suite of benefits including monetary bonuses and market-beating pension contributions.

Interested?

If you would like to find out more about this exciting role then make a confidential application now and a member of our team will be in touch with all the details.

Hiring organization

Newton Colmore Consulting Ltd

Employment Type

Full-time

Beginning of employment

ASAP

Duration of employment

Permanent

Industry

Industrial Engineering

Job Location

Cambridge, UK

Working Hours

Monday to Friday

Base Salary

£ 60000 - £ 90000

Date posted

20th July 2026

Valid through

31.08.2026

Apply below or email directly:
matthew.lowdon@newtoncolmore.com