

OXFORD SIGMA JOB DESCRIPTION

06 April 2023

JOB TITLE:	Graduate Fusion Engineer
JOB LOCATION:	Harwell Science & Innovation Campus, Oxfordshire, UK
HOURS:	Full-time (37.5 hours per week)
SALARY:	Competitive
DATES	Starts summer 2023
JOB REFERENCE:	OS-JA-GRADFUSENG-01

COMPANY DESCRIPTION

Our mission is to deliver materials technology, materials solutions, and fusion design services in order to assist fusion delivery.

About us: We are a small, organically grown, company owned and operated by scientists and engineers, with our roots and headquarters in Oxfordshire. We have established ourselves as highly respected technical experts in the fusion energy market, within both the private and public sectors, globally. We are equally a research and technology development company developing and patenting novel disruptive materials and design technologies catalysing a fundamental shift for the world's clean energy future.

ROLE DESCRIPTION

We are expanding and are seeking a graduate fusion engineer to be part of the design team. This role will support both:

1. Fusion reactor and component design for national laboratories and start-ups both in the UK and globally.
2. Expanding our portfolio of patented disruptive technology, through research & development, with new ideas, and approaches to fusion design.

The role will require initiative, agility, and creativity, along with the ability to communicate complex challenges to a range of audiences. Reactor design is a grand challenge for the realisation of fusion power on the grid, you will be working daily on problems without obvious solutions requiring tenacity, and lateral approaches to solve. Some national and international travel will be required.

QUALIFICATIONS/EXPERIENCE

Ideally, you will have some of these:

- A strong academic background within engineering and/or science - you may be a graduate or an early-career professional.
- An ability to clearly communicate technical concepts.
- Excellent verbal and written communication and presentation skills.
- A lean toward intuitive and creative problem solving.
- A willingness to learn new things and adapt your perspective with new knowledge.

Maybe, you will have some of these:

- A desire to build business and strategise for the future.
- Some experience developing computational approaches (such as Python) to support problem solving.

ELIGIBILITY

The candidate must have the right to work in the UK.

BENEFITS

The benefits that OS provides include:

- A competitive salary.
- Eligible for company share option scheme.
- Hybrid working policy.
- 28 days paid annual leave.
- Workplace pension scheme.
- International conference attendance and business travel.
- Encourage scientific publications and patent development.
- Wide range of career development opportunities (e.g., professional development, internal promotions and technical training courses).
- We support employees if they want to be (or are) part of the military reserves.
- Assist and support the candidate's chartership progression with the appropriate chartership body.

APPLY

Send careers@oxfordsigma.com an email with the Job Reference number in the subject line, which contains your CV and cover letter.

The application deadline is **17:00 Friday 12th May 2023**.