About Us:

Machine Discovery is a rapidly growing spinout company from the University of Oxford. We are developing AI-driven technology to simplify and accelerate computational R&D -- especially in electronic design automation and fusion energy.

We are currently looking for a Fusion Specialist to build relationships with our customers in the fusion space, provide expert scientific support, and help guide our product development to better fit fusion customer needs.

Requirements:

- Strong computational physics skills; ability to quickly learn and work with a wide range of new physics simulation packages via the command line, and write scripts for processing input and output data (experience with Python scripting strongly preferred)
- Expert understanding of physics, especially as related to fusion (PhD and 2+ years in a scientific role preferred)
- Understanding of optimization and statistical analysis as applied to scientific/experimental data
- Good communication skills; ability to work directly with customers to support them on a range of computational, physical and statistical problems
- UK resident with right to work in the UK

The Role:

- Working directly with our customers to understand their needs; supporting them with new types of simulation and detailed guidance on optimization and error analysis methods
- Surveying a range of fusion simulations; using customer feedback and your understanding of the fusion space to determine which will provide the most value and integrating them into our platform
- Travelling to customer sites as required to support them (in the UK and, on occasion, abroad)
- Reaching out to potential customers in the fusion space to understand their needs; helping guide the company's software development priorities to meet these needs; helping to secure new fusion customers

Benefits:

- Base salary of £60k+, plus discretionary annual bonus (10% of salary)
- Generous, early equity options in a fast-growing company
- Remote working with flexible hours, with potential to transition to a hybrid model in the future
- A relaxed but intellectually rigorous culture with a focus on results

Contact Brett@machine-discovery.com for more information and to apply