

# IT Systems Engineer

## Job ref 45

### Vacancy Specification

First Light Fusion is seeking an IT Systems Engineer with good knowledge of Linux and Windows architectures. The person taking this role will be exposed to a broad range of IT related aspects to help the company achieve its exciting and ambitious goal. The applicant will be responsible for the maintenance and support of the company's Linux and Windows networks from an operating system and software viewpoint. A proactive approach is required in order to keep improving the company's IT systems with the constant objective of providing an environment that allows the scientific team to research at the fastest pace. Additional tasks will be to investigate specialist technologies when required, monitoring of the cybersecurity aspects of the company and be willing to take on additional tasks as required.

#### Essential

- Degree or equivalent level computer science qualification
- Administration of Linux and Windows systems
- Experience of troubleshooting and solving user issues
- Passion for fusion and for taking a bold approach to a high-risk transformational technology
- Demonstrated self-motivation, enthusiasm to work in a dynamic team environment and evidence of taking the initiative
- Strong communication and interpersonal skills

#### Desirable

- Experience managing Active Directory and Group Policy
- Experience of Docker and containerization
- Exposure to administration of Atlassian suite of software
- Administration of Office 365
- Knowledge of HPC principles

### Benefits

A competitive package that includes entry into a company option's scheme and pension scheme. Relocation packages will be considered.

### How to apply

Apply for this job on First Light's website:

<http://firstlightfusion.com/careers/#toppage>.

Informal enquiries may also be addressed to [careers@firstlightfusion.com](mailto:careers@firstlightfusion.com).

CVs sent by recruitment agencies will not be read, and in the event that the company receives a CV from both the direct applicant and a recruitment agency the CV will be treated as a direct application by

the individual only. Unsolicited contact from Recruitment agencies will be disregarded.

## **First Light Fusion**

First Light Fusion Ltd is a lean, focused and agile corporation researching energy generation by inertial confinement fusion. The company was spun out from the University of Oxford in June 2011 and is based near Oxford. First Light continues to work closely with the academic community, both in the UK and internationally. The company is well-funded by both institutional investors and private individuals.

Inertial confinement fusion for energy generation is a well-established research field and is being pursued in many laboratories worldwide, perhaps most notably in the US at the National Ignition Facility. First Light is exploring a number of alternative research directions that harness the same fundamental physics, with the prime focus being power generation. First Light's work to-date has included theoretical analysis, detailed numerical simulation and experimental validation. This has allowed description of the accessible parameter space and has led to a clear vision of the pathway to fusion.

First Light has also considered the costs and engineering practicalities of a reactor implementing its technology and can articulate a number of advantages over other approaches. Additionally, the energy focusing processes being pursued form the foundations of a new technological platform where secondary opportunities exist in a number of alternative applications, for example material processing and chemical manufacture.

