



## **Mechanical Design Engineer**

Semiconductor devices provide the foundations on which progress in the technology sector are enabled. From Smartphones to Artificial Intelligence, 5G communications to autonomous vehicles, all are made possible through advances in semiconductor processes. Scaling these processes requires sub-nanometer measurement of increasingly complex 3D structures to enable more powerful devices. At **Infinitesima** we have pioneered a revolutionary atomic precision 3D metrology technology which has been qualified by leading companies in the semiconductor industry and we believe is essential for continued progress. To quote Lord Kelvin, *'If you can't measure it you can't improve it!'*. Come and join our dynamic team to enable the semiconductors for tomorrow's technological developments.

### **The Opportunity:**

Do you have experience in Mechanical Design and Solidworks? we currently have an exciting opportunity for a Mechanical Design Engineer to join our Engineering team,

The prime function of the role is to Create and maintain mechanical designs for the company's products.

Location: Abingdon

Reporting to: Engineering Director

### **Key Responsibilities:**

- Make designs in 3D using Solidworks.
- Make calculations to verify basic mechanical performance.
- Support initial build process and update designs and drawings appropriately.
- Create drawings and prepare bill of materials.
- Cross check drawings of colleagues

### **Personal Qualities:**

- **Self-management:** Able to work independently, setting priorities for own work based upon the company goals and targets.
- **Teamwork:** Engages with other member for the company to bring the best solutions to the problem recognise the value that fellow company members bring to enhance own abilities. Supports colleagues with their tasks when critical to the company goals.
- **Impact and Influence:** In own field establishes themselves as the knowledge centre.
- **Ownership & Initiative:** React and address both short- and medium-term issues and proactively takes action to solve them.
- **Results Orientation:** Focus on the company goal, avoid distraction, making timely decisions to achieve the target.

### **Education / Qualifications:**

- Either a BSc in Mechanical Engineering or a clear growth path through engineering apprenticeship and design positions.

### **Professional Skills/ Abilities:**

- High ability level with Solidworks and EPDM.
- *Significant* Experience of industrial design and drawing practice.

### **Benefits:**

In addition to a competitive salary and an annual bonus. Infinitesima offers flexible working hours, hybrid working, 25 days annual leave, death in service and private health care benefits, personal pension contributions of 4% with salary sacrifice and a generous EMI Share scheme.

*All qualified applicants will receive consideration for employment without regard to race, colour, religion, sex, sexual orientation, gender identity, national origin, or disability.*

*Note to recruitment agencies: Infinitesima Ltd only works with approved agencies and does not accept unsolicited agency CVs. Please do not submit candidate details in response to this advert, or to any Infinitesima Ltd employees. Infinitesima Ltd is not responsible for any fees related to unsolicited CVs.*