



## **Mechanical Analyst/Engineer Vacancy**

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 Analysis and Design, we currently have an exciting opportunity for a Mechanical Analyst Engineer to join our Engineering team.

Location: Abingdon

Reporting to: Engineering Director

### **Key Responsibilities:**

- Perform development activities to innovate new mechanical solutions, create new features and improve performance of existing and new products.
- Perform analysis of mechanical structures including selection of the methods to be used.
- Work hands-on with the equipment and apparatus to prove performance of the implemented designs.
- Feed forward learning into next developments
- Work effectively as part of a multidisciplinary team of engineers and scientists
- Communicate effectively with diverse set of peers, customers, and vendors.

### **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:**

- Degree or above in a Mechanical Engineering or closely related engineering discipline.

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

- Experience of hands-on engineering development.
- Excellent communicator - Fluency in written and oral technical English.
- Willingness to support other team members to meet team goals
- Experience of development of mechanical structures for test and measurement equipment.
- Knowledge of nanoscale metrology and measurement systems.
- Experience of scanning probe microscopes / metrology tools / microscopy
- Experience in the Semiconductor device manufacturing field.

### **Benefits:**

In addition to a competitive starting salary and a yearly bonus. Infinitesima offers flexible working hours, 25 days annual leave, personal pension contributions and 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.*