



Graduate Applications 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.

We currently have an exciting opportunity for a Graduate Applications engineer to join our Applications team.

Location: Abingdon

Reporting to: Applications Director

The Opportunity:

The Applications Engineer is a key player and technical contributor of the Applications team to ensure the product is developed to meet or exceed customer requirements.

The role requires working across the Product Life Cycle, being the customer's voice to provide feedback to the Engineering and R&D teams. Lead and drive the project to improve the customer experience on the products. There will be an amount of overseas travel to customer and end user sites, for up to 2 weeks at a time, typically 30-50% working time.

Key Responsibilities:

- Lead demonstrations, support and characterization activities
- Present results to customers and company
- Be the support contact for application related activities with customers
- Diagnose complex problems across mechanics, optics, electronics, software and algorithms.
- Support the company's applications facilities and resources.
- Drive applications project to meet customer requirement.

Personal Qualities:

A technical leader or team member as appropriate, able to work comfortably with technical experts and managers from both customers, end users and suppliers.

Education / Qualifications:

Essential

- Master's degree in physical sciences, Engineering discipline or equivalent

Professional Skills/ Abilities:

Essential

- Related experience of at least 2 years with a significant hands-on profile
- Experience in leading characterisation and demonstration activities for metrology equipment.
- Experience in Atomic Force Microscopy (AFM)
- Fluency in written and oral technical English with excellent presentation skills

Desirable

- Customer support experience is a very strong differentiator.
- Experience of working with any or all of the following: optical systems including lasers and fibres; electronics; electro-mechanics would be an advantage.
- Experience in the Semiconductor field would be an advantage.
- Product Marketing experience would be an advantage

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.