



Image Analysis Scientist

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 an Image Analysis Scientist to join our Research & Development team,

The prime function of the role is to work flexibly within the R&D team developing innovative technology solutions to directly feed into the product development roadmap.

Location: Abingdon

Reporting to: Head of R&D

Key Responsibilities:

- Writing code for the analysis of tool data bridging the gap between tool data and customer interpretation.
- Ideate, design, prototype, test and communicate software components in response to identified technology/data analysis/market application gaps within realistic and defined timescales.
- Work effectively both individually and within an R&D team to fully understand how the context of the data impacts the design of appropriate data analysis tools.
- Work with engineering team to effectively transition modules from R&D to an engineering software team to facilitate rapid incorporation into customer-facing software.

Personal Qualities:

- Able to work independently, setting priorities for own work based upon the company goals and targets.
- Engages with other members of the company to bring the best solutions to the problem.
- Recognises the value that fellow company members bring to enhance own abilities.
- Supports colleagues with their tasks when critical to the company goals.
- Establishes themselves as the knowledge centre in own field.
- React and address both short- and medium-term issues and proactively take action to solve them.

- Focus on the company goal, avoid distraction, making timely decisions to achieve the target.

Education / Qualifications:

- Bachelor's degree or higher in relevant degree, coupled with industrial experience.

Professional Skills/ Abilities:

- Essential: Expertise in algorithm development where requirements are specified by others.
- Essential: >2 years' experience in industry in a similar role coding in data analysis software (Matlab, Python or similar).
- Preferred: Experience working with metrology tools in a regulated environment.
- Preferred: Experience in 3-d data sets (such as SEM/AFM or other).
- Preferred: Experience of similar role within leading-edge instrumentation, measurement, or advanced process tools.

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 operates a Preferred Supplier List, and we do not accept unsolicited agency CVs. Please do not forward 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