LabVIEW Software 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!'.

Are you looking for the opportunity to develop your skills as part of an experienced team working on the integration of software in a sophisticated system targeting at enabling the next generation of semiconductor devices? If so, please come and talk with us.

Job Overview

The position of LabVIEW Software Engineer will allow an individual in the early years of their career to gain experience as part of our Software Engineering team in the production of high-quality, leading-edge software, used to operate a state-of-the-art 3-dimensional metrology system capable of the sub-nanometer precision measurements required by the Semiconductor Industry.

The role will include both developing existing software for our Rapid Probe Microscope, RPM, platform directly as well as developing the software to control its operation on integrated platforms.

We are looking to bring a fresh Software Engineer into the team, who has a desire and drive to develop their Software Engineering skills with us at Infinitesima. The candidate does not need to have years of experience, we see this as an opportunity to help a new Engineer in the early stages of their career.

Responsibilities and Duties
- Develop high quality software to deliver required functionality.
- Produce design documentation to support the code being developed.
- Work closely with the SQA team to deliver software with a customer focus.
- Collaborate effectively as part of an integrated software team whilst also being able to work independently.
- Communicate effectively across a multidisciplinary team of engineers and scientists.

Qualifications

Essential
- Degree educated in a relevant STEM subject or relevant industrial experience.
- Interest in hands-on Software engineering development.
- Knowledge/experience of writing code in LabVIEW. 1-3 years' experience at a minimum.

Desirable
- Some Knowledge of Software development techniques.
- Knowledge/experience of writing code in a structures software language. Ideally one of C#, Python.
- Knowledge/experience of Atomic Force Microscopes.
- Knowledge/experience of LabVIEW FPGA

Personal Attributes.
- Approach issues in a systematic way.
- Self-driven and motivated worker.
- Good communicator – High level written and oral technical English.

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LabVIEW Software Engineer 09 10 24.docx   Page 1 of 2

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.

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LabVIEW Software Engineer 09 10 24.docx   Page 2 of 2