

Role Systems Engineer
Location Abingdon
Reports to Engineering Director

Infinitesima ins the manufacturer a Rapid Probe Microscope, it can quickly make a map of a small surface area to the precision of a few nanometres. We are seeking to recruit a System Engineer to work in our Engineering department.

The prime function of the role is to make and maintain the system design for Infinitesima's products

Key Responsibilities

- Make the overall system design and communicate to all contributors.
- Make and maintain system functionality breakdowns to hardware and software modules.
- Build an in-depth understanding of the machine operating characteristics.
- Make and maintain system performance budgets – understanding how each module contributes to the total system performance.
- Feed forward learning from integration testing into new designs

Personal Qualities:

- Able to work independently, setting priorities for own work based upon the company goals and targets.
- 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.
- In own field establishes themselves as the knowledge centre.
- React and address both short and medium term issues and proactively takes 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 coupled with industrial experience.

Professional Skills/ Abilities:

- Essential: Ability to diagnose and fault-find to component level
- Ideally: Experience of Systems Engineering within leading-edge instrumentation/measurement or advanced process tools, for the Semiconductor or Similar end-user industry
- Experience and understanding of product life cycles in relation to engineering development and product releases