Company Overview

Global Inkjet Systems (GIS) is a division of Nano Dimension, and we are an awarding-winning global leader in the development and supply of application software, electronics, and ink system components into the industrial inkjet printing market. Our focus is on designing tailored next-generation software, and advanced printing system components, and providing services for our customers worldwide, such as direct-to-shape printing, inkjet hardware components and 3D printing.

We foster a friendly culture for people to work collaboratively towards success, communicate openly to challenge the norm and nurture people to create future thought leaders.

About The Role

We have an exciting opportunity for a System Integration Test (SIT) Automation Engineer to join our growing engineering team in North Cambridge. As a SIT Automation Engineer, you will be directly responsible for assuring the quality of our Windows ASP.net server product that provides high-speed image processing and printhead electronics integration. You will also develop automated test scripts to exercise the system-level product behaviours and maintain our product's continuous regression system.

The SIT Automation Engineer is an extremely rewarding role that will see you writing test automation scripts in Python that expand the product test coverage and align on work deliverables within our Agile Scrum environment. Your key product area is automation framework and test scripts for an ASP.net server product that exercises REST API printhead drive electronics and advanced artwork/document processing.

You'll learn and develop as part of our collaborative multi-disciplined team of engineers (mechanical, hardware, software and logic), whilst contributing to the bi-weekly sprint meetings that reflect the progression and direction of work of the test suite.

The successful candidate will have:

- Strong Quality Assurance, Software Validation, and Academic background.
- The ability to work autonomously and proactively.
- Strong communication skills.
- Confidence in trying new ideas, and technologies to solve a technical problem.
- The desire to learn about inkjet technology up to and including printed graphics, direct-to-surface printing, and additive manufacturing systems.
- Good knowledge of software testing methodology and technology product life cycle.
- Recent usage of python coding or test scripting is beneficial for the continuous integration of test systems.

To be considered for the role, you must possess:

- Strong academic background in Science, Technology, Computer Science, or appropriate Engineering Degree.

- High attention to product detail, user interaction with a technical system, and quality of own work.
- 2+ years prior experience in a technology environment developing tests for automated or semi-automated test systems.

It would be beneficial if you have:

- Working towards or achieved an ISTQB Software Test Foundation Level or similar.
- An enthusiasm for technology.
- Evidence of self-applied technological learning.
- Basic IT (Information Technology) understanding and competence.
- Worked in an Agile environment.
- Experience testing HTTP network applications. (Cloud, Local Network, IoT, etc.).
- Knowledge of industrial printing systems, or hardware to software integration testing.
- Familiarity in handling and working with assembled Printed Circuit Boards (PCBs).
- Experience with Linux, Embedded Linux, and Windows Operating systems.
- Experience developing scripts or jobs for continuous integration tools. (e.g., Jenkins, Git pipelines.
- Developed software as part of a team, including revision control systems. (Git, SVN).

In addition to a competitive salary, we offer the following:

- Pension contributions
- Private health insurance
- Life insurance
- Company-funded staff kitchen with snacks, chocolate, drinks and fruit
- Company-funded social events
- Company-funded Charity Committee
- 25 days annual leave
- Cycle-to-work scheme
- Friend work environment