

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, 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.

The role

GIS has an exciting opportunity for a C# Software Engineer to join our growing multi-disciplinary engineering team based in North Cambridge. Our C# Software Engineers are involved in a wide range of projects across product development, printer head drivers, ink systems and larger additively manufactured electronics (AME). You'll work with product and project managers across hardware, software, mechanical and logic teams to prioritise features on customer applications that strengthen our links with end-users and integrators. As well as, developing our bespoke modular software suite to manage the entire data path from image to print.

You'll be challenged, but you'll learn, develop, and grow with some of the best in the industry, delivering quality products that revolutionise the way our clients approach printing and providing solutions to the most complex printing questions.

Requirements

- Strong degree level qualifications and / or significant commercial C# experience.
- Knowledge of MS Visual Studio (2017 or later).
- Development of desktop applications for Microsoft Windows 7 and 10.
- Appreciation of coding styles and high-level object-orientated design.
- Comfortable with thread-safe and parallel architectures.
- An ability to work flexibly to deadlines and able to manage technically detailed requirements on multiple projects.
- Enthusiasm for technology and evidence of self-applied technological learning.

Desirable Skills and Experience

- WPF experience
- Use of MVC / MVVM design patterns
- Experience of UI design or Interaction design
- Customer interaction and/or support
- Experience of code optimization
- Scripting (Python, Perl etc.)
- Alternative programming languages (C++)
- Developing of UIs for asynchronous client/server systems
- Knowledge of network programming (HTTP, TCP/IP, sockets)
- Experience of graphics rendering, including GDI / GDI+



A NANODIMENSION DIVISION

- Colour management and profiling (ICC, linearization etc.)
- Integration of software-hardware systems
- Experience of JIRA and Confluence
- Technical documentation writing
- Test procedure writing
- Experience of hardware interaction (e.g. serial communications, USB etc.)
- Experience with inkjet printing

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
- Friendly work environment

