

## Careers

# Software and Control Systems Engineer, Belfast

Join our expanding team of innovators and technical professionals in delivering solutions that have an impact in our vision to clean and decarbonise the air.

### Position

The Software and Control Systems Engineer is responsible for the design, development, and implementation of software and control systems for a variety of applications. The ideal candidate will have a strong understanding of software engineering principles, as well as experience with control systems and automation.

### Position Responsibilities include but are not limited to:

- Design, develop, and implement software and control systems for a variety of applications
- Work with other engineers to develop and implement system specifications
- Test and debug software and control systems
- Troubleshoot and repair software and control systems
- Provide technical support to users of software and control systems
- Stay up-to-date on the latest trends in software engineering and control system

### Experience

- Bachelor's degree in Computer Science, Electrical Engineering, Mechatronics or a related field
- 3+ years of experience in software engineering
- 2+ years of experience with control systems and automation
- Strong understanding of software engineering principles
- Experience with a variety of programming languages, (LabVIEW preferred)
- Experience with FPGA programming preferred
- Experience with a variety of software development tools
- Excellent problem-solving skills
- Excellent communication skills
- Ability to work independently and as part of a team

### The Person

The ideal candidate will be a highly motivated and experienced Software and Control Systems Engineer with experience in LabVIEW and FPGA programming.

### Benefits:

- Competitive basic salary commensurate with experience
- Benefits package including – Company Pension, Private Medical, Cycle to Work Scheme etc.

**Interested?**

Send your CV to [careers@catagen.com](mailto:careers@catagen.com)

## About CATAGEN

CATAGEN is a pioneering testing facility delivering industry leading emissions data to global OEMs and stakeholders. Based in Belfast, our independent services provide unrivalled metrics to optimise catalyst development and reduce harmful tailpipe emissions.

Using technology, talent, and a united sense of purpose, CATAGEN have developed ClimaHtech. ClimaHtech is an acceleration system towards decarbonisation using advanced climate technologies to produce renewable hydrogen and E-Fuels.

Our testing and climate technologies are shaping the environment of our future by working towards cleaner air for our cities.

## Values

**ONE CATAGEN** - We put 'we' before 'me' working across boundaries, holding each other accountable and working as a cohesive team.

**FEARLESS** - We challenge ourselves to push beyond what we think is possible by taking risks and learning new skills.

**CUSTOMER OBSESSED** - We actively engage, listen and learn from our customers, making it easy to work with us. We deliver solutions in a timely and accurate manner.

**ECONOMICALLY DRIVEN** - We're ambitious in our 'financial goals' whilst being prudent with resources. We respect that we are a corporate business whose first goal is to be financially secure and to grow and identify new opportunities.

**SUSTAINABILITY** - We built CATAGEN 'to clean and decarbonise the air', to impact climate change through the development of innovative Net Zero Technologies.

**Interested?**

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