



ESPA

Mechanical Engineering Internship_CNC Programmer

(EXACNC3004)

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Start date

Flexible

Duration

6 months with the opportunity to stay on after the internship.

Languages

Good spoken and written English levels are required (B2 onwards)

Location

Newry, Northern Ireland

Known as the Gateway to the North and dating as far back as 4000BC, Newry sits snugly amidst the natural splendour of the Mourne Mountains and the Ring of Gullion, an area of outstanding natural beauty. Now classed as one of Northern Ireland's newest cities, it offers a heady mix of retro and modern which gives this city a distinct edge. With a bustling atmosphere and beautiful countryside, there will always be things to do in and around Newry.

Are you eligible?

Are you a registered student?

Or

Are you eligible to participate in the Erasmus+ programme?

Benefits

See website for details of all ESPA benefits. For all internships over 6 months, additional benefits will be paid. Details available at interview.

Role

This is a great opportunity for an enthusiastic Mechanical Engineer who is keen to gain experience in a hands-on engineering role as a CNC Programmer. Mentored throughout, you will help to develop programs for new CNC projects including quality checks on the first pieces off the line. For the selected candidate, this largely practical placement will provide a great foundation and invaluable insight into how a fast-paced manufacturing environment, functions effectively.

Tasks

- Develop programmes for new projects
- Work with schedulers and operators to ensure deadlines are met
- Maintain quality standards to include proving of first offs
- Read and interpret detailed engineering drawings
- Help programming 5 axis machines

Personal Skills

- Working towards a degree in mechanical engineering or other relevant
- Experience in 2-D/3-D Programming desirable
- Ideally able to setup and prove first off parts
- Ability to handle and deliver on required lead times
- Conscientious and responsible

Good to have:

- Knowledge or experience in programming 3 axis machines ideally, but not restricted to, Mastercam, Dellcam, Unigraphics and Featurecam
- Familiar with a broad range of materials i.e. brass, aluminium, stainless steel and nylon

The Host Company

This modern host company specialise in Rapid Response and delivery of precision CNC engineering services to a wide variety of industry leaders from the aerospace/automotive, renewables, gas and oil, pharmaceutical and electrical sectors. They have a wealth of precision engineering experience coupled with cutting edge equipment and technology, including two of the only Haas machines on the island of Ireland. Rapidly expanding, they are seeking talented individuals to join in their success.