Software Engineering Internship (DPL1903)

APPLY HERE

THIS IS A FUNDED, ON-SITE INTERNSHIP INCLUDING WORK PERMIT!

Application Deadline
13 April 2026

Start Date
Spring/Summer 2026

Duration
12 months

Location
Belfast, United Kingdom

Benefits
- Certificate of sponsorship costs paid for
- A private room in a professional shared house, paid for, including Wi-Fi and utilities costs.
- Monthly payment to cover living expenses.

Role Description

This is a fantastic opportunity for an engineering student or recent graduate to be part of a growing company and to work with some of the UK's leading businesses in industry. This internship offers practical experience in software programming and data-driven problem solving within a manufacturing environment. Mentored throughout, you will support engineering and operational teams by assisting with the development of software tools, data analysis activities and exploratory artificial intelligence (AI) initiatives aimed at improving efficiency, reporting and process visibility. The placement is ideal for a candidate with programming knowledge, particularly in Python, and an interest in applying digital solutions in a real-world industrial setting. The intern will gain exposure to structured software development practices, data management processes and cross-functional collaboration with technical and operational stakeholders. A great addition to your CV and early career!

Tasks

- Support development and testing of Python-based scripts or small applications
- Assist with creating, cleaning and analysing datasets
- Contribute to basic debugging, documentation and version control activities
- Support exploratory AI or machine learning initiatives related to pattern analysis, forecasting or process optimisation
- Assist in maintaining software documentation, user guidance materials and development records
- Work with engineering and operations teams to create simple software solutions

Desired Skills

- Degree discipline in Computer Science, Software Engineering, Data Science or related field
- Experience or academic exposure to Python programming
- Interest in data analysis, AI or digital process improvement
- Structured and logical approach to problem solving
- Good communication and teamwork skills

The Host Company

The host company has 40+years' experience working in the design, innovation, and precision of custom moulded plastic parts. You will find their innovative thermo-formed products in all manner of sectors including automotive, aerospace, and medical to name but a few. Offering full CAM/CAD design and advanced manufacturing facilities they can turn ideas into production parts within weeks or days rather than months.

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