

The Centre for Intelligent Power (CIP) is seeking interns to work in its multidisciplinary teams. We are looking for people excited and inspired by the thought of contributing to a more sustainable global future, as well as bringing digitalisation solutions and mindset to Eaton's vast portfolio of products and services across multiple industries that our company operates.

You will be placed on one of 5 engineering teams with the opportunity to acquire skills in the following areas: Edge AI, Embedded Systems, Machine Learning, Cloud DevOps and Quality Assurance.

In this role you will:

- Be engaged as part of a multi-disciplinary international team focusing on design and development of experimental intelligent power systems.
- Learn about a wide range of analytics and Artificial Intelligence (AI) technologies for power management systems, including the associated data processing pipelines.
- Gain hands-on experience with the tools and approaches used as part of the design, development, and test processes.
- Work across the full software development lifecycle in an agile environment, attending all scrum team meetings.
- Develop clean, efficient, and reusable code using coding best practices.
- Get the opportunity to work on cutting edge technologies including:
 - Cloud Computing with Microsoft Azure
 - Software containerisation using Docker and Kubernetes
 - Data pipelining with Apache Spark
 - DevOps and MLOps
 - Internet of Things (IoT) and Edge Computing
 - Embedded Real-Time OS (RTOS) / Linux software development.

Desired Skills:

- A basic technical background is required in addition to an interest and background in engineering or software development. The ideal candidate will be in pursuit of or a recent graduate of a degree or master's in electronic or computer engineering, computer science or a related course.
- A team player with excellent communication skills, who is curious, proactive, conscientious and enjoys problem solving.
- Experience with a programming language such as C/C++, Python, R, MATLAB
- Familiarity with version control systems (Git) is desired.
- Data storage experience, SQL or NoSQL.
- A basic background in modelling and analysis, e.g., MATLAB and Simulink
- Familiarity with Internet of Things, embedded systems, cloud computing, connectivity and networking, communication protocols and security.
- Knowledge of end-to-end Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC).

ABOUT EATON

We make what matters work. Everywhere you look—from the technology and machinery that surrounds us, to the critical services and infrastructure that we depend on every day—you'll find one thing in common. It all relies on power. That's why Eaton is dedicated to improving people's lives and the environment with power management technologies that are more reliable, efficient, safe, and sustainable. Because this is what matters. We are confident we can deliver on this promise because of the attributes that our employees embody. We're ethical, passionate, accountable, efficient, transparent and we're committed to learning. These values enable us to tackle some of the toughest challenges on the planet, never losing sight of what matters.

Eaton is a global power management company and has been tackling some of the world's most urgent energy challenges from right here in the heart of Dublin.

As a multi-billion-dollar business with almost 100,000 employees and customers in more than 175 countries, Eaton doesn't set its sights low - it wants nothing less than to improve the quality of life and the environment for everyone.

To accomplish this lofty goal, Eaton's global headquarters in Dublin hosts the CIP – Centre for Intelligent Power.

This fast-growing team is dedicated to solving the toughest energy challenges on the planet, developing efficient solutions for the digital world to harness electrical, hydraulic, and mechanical power more safely and sustainably.

The Dublin team includes AI and data scientists; data engineers; software, electronic and systems engineers; product designers and UX professionals.

www.eaton.com

How to Apply

Email your CV with a cover letter to cipcareers@eaton.com
Please put "Software Engineering Intern" in the subject