

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

### In this role you will:

In your role as a Data Science Intern, you will learn about the development and deployment of data science and analytics tools across Eaton’s product portfolio – from grid-scale insights to home energy management systems.

You will gain experience in building and releasing statistical, artificial intelligence (AI) and machine learning (ML) pipelines in a modern data science stack and will contribute to the ongoing development of Eaton’s Brightlayer Analytics platform. This platform provides a set of reusable analytics components which are used throughout the Eaton business to create products for Eaton’s customers. You will be involved in the design, development, and testing of edge and cloud-based systems.

You will also gain hands-on experience with the tools and approaches used as part of the design, development, and test processes.

### What you can expect to learn:

At the end, we expect you to have gained a clear understanding of the end-to-end research, design, and development process for deploying intelligent solutions in Eaton products. You will have directly contributed to this design, experimental development, and test process for at least one proof of concept system. In addition, you will have the opportunity to present your work to the team and senior technical leadership within the company.

### Desired Skills:

- A basic technical background is required in addition to an interest and background in machine learning and statistical modelling.
- Familiarity with Python and/or R, and commonly used modelling/visualisation libraries (pandas, numpy, dplyr, ggplot2).
- Knowledge of foundational data science algorithms.
- Familiarity with embedded systems and embedded system programming.
- Knowledge of deep learning libraries such as TensorFlow, Keras, pytorch.
- Interest in reproducible research and software engineering best practices (coding best practices, version control).

### How to Apply

Email you CV with a cover letter to [cipcareers@eaton.com](mailto:cipcareers@eaton.com)  
Please put “Intern – Data Scientist” in the subject

## 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](http://www.eaton.com)