

## 4 x Professional Placements

6 to 13 months at Caterva, Munich, Germany starting July 2018

### Web and Mobile Front-End Developer

- Experience of web design or mobile development
- Experience with HTML5, CSS and JavaScript
- Good knowledge of Java is very useful
- Experience managing productive environments (web servers)
- Confident working with databases

### Communications Developer

- Confident with Linux platforms
- Experience with C++ programming
- Experience with Java programming
- Application level knowledge of openVPN and SSH

### Power Electronics Engineer

- Passion for and understanding of power electronics
- Confident with electric measurement instruments (oscilloscope, power meter)
- Experience with IGBT-based power converters (10-30kW range) and transformers is useful
- Experience with batteries is useful

### Data Acquisition, Analysis & Visualisation

- Design the data acquisition services
- Model the archive databases
- Implement and test the data handling subsystem
- Deploy and administrate the system

### Skills We Value:

- A keen sense of responsibility
- The maturity to work with minimal supervision
- The ability to live independently away from home
- An appreciation of different cultures
- Previous work experience
- Additional language skills

### Skills You MUST Have:

- Available for a placement of 6 to 13 months
- Able to retain your student status through the placement (not a "Student in Suspense")
- Citizen of European Union or Switzerland, **including** UK citizens!

**Caterva GmbH** is a high-tech start-up in the field of distributed energy storage, and is pioneering a new model of grid stabilization. It is well-funded, now part of Sweden's Alelion, and run by experts in the field who have previous success in renewable energy start-ups. Caterva is offering four 6-13 month internship opportunities at its headquarters in Munich, from July 2018.

These are not placements that will suit all students. Being a start-up, the environment is challenging. Initiative and independent working will be key, and expectations will be high. Entrepreneurial Students, the ones with wild ideas who may already be saying "I'm going to start my own business" are the most likely candidates!

- Genuinely fluent in English, written and spoken
- Proficient using a PC and the Internet
- The ability to learn quickly
- Drive and motivation to accept challenges

### Skills You Will Acquire:

**Technical Knowledge:** understanding of energy technologies and storage systems such as batteries, power converters, and the issues surrounding stabilization of the mains power grid. **Full mentoring will be given by Caterva.**

**Work Skills:** working efficiently, being responsive, understanding organizations, team working and customer support.

**Communication Skills:** A high level of technical English and effective customer communications.

**Relationships:** How to thrive working in a multi-cultural environment.

**Recruitment:** Active involvement in the search, selection and training of your successor.

*You will work in the development lab of Caterva, with regular involvement in marketing, sales, and manufacturing. As the company grows, it is expected that some of the Interns will return as employees after their graduation.*

View "**Caterva Internships**" on YouTube for interviews with former students!

Check <http://rcwo.eu/CatervaInternships> for the full placement descriptions

All applications have to be submitted in English by 30<sup>th</sup> June 2018