

Smart Buildings & BMS Optimisation Engineer

Location Hampton Hill

Company Summary

Carbon Architecture is an established, expanding company that has a strong reputation for delivering solutions which help businesses reduce carbon, energy and waste. Alongside its core net zero carbon, energy and waste consulting services, the company has a solid platform for growth based on commercial buildings analytics technology and associated services.

In their 13th year, the management team are bringing in a number of additional staff members to support business growth.

Role Description:

This is an exciting opportunity for a dynamic and driven engineer to join a highly successful, fun and friendly team. You'll be working as a member of the building analytics team to deliver BMS and buildings analytics projects across a number of sectors. It is a cloud / bureau service to find insights based on BMS, metering and IoT data and to deliver actionable cost, carbon and comfort improvements to customers.

Key Responsibilities:

- Be a subject matter expert on BMS, building analytics and Sky Spark
- To play a pivotal role in the deployment and growth of our smart building's analytics and optimisation services.
- Conduct site audit and scoping surveys
- Support the business development team to identify new opportunities from ongoing work
- Support the preparation of proposals for new projects
- Work closely with engineers to identify and implement control improvement opportunities
- Configure, operate and maintain Sky Spark analytics systems
- Find and rectify through control interventions; energy, comfort and maintenance opportunities
- Supporting clients via phone, email, virtually or face to face and ensure satisfaction whilst acting as advisor and providing a smart buildings service.
- Ongoing reporting and communication of the value to delivered to clients
- Manage projects and ensure delivery to client on time and within agreed budget
- Manage and work with other staff and collaborating companies/sub-consultants to ensure progress of projects and timely delivery of agreed outputs

Qualifications:

- Degree in Engineering or a relevant post graduate qualification, or
- Qualified in Electrical or Electronic Engineering (to HNC/ONC or equivalent)
- Qualified or experience with Trend and/or Tridium systems

Experience:

- Experienced in the maintenance of BMS
- Experience in programming and configuration of BMS
- A knowledge and experience of common UK systems (e.g. Trend IQ Vision, Niagara 4, Struxurware)
- Experience in implementation of BMS or Smart Building Systems from the design to commissioning
- Experience in inspection and witness-testing, fault detection of installed systems
- Must have a full, clean driving license
- Eligibility to work in the UK

At Carbon Architecture we believe that diversity drives innovation, and we strive to create an inclusive environment where everyone can do their best work. All qualified applicants for this role will be considered regardless of age, gender identity, nationality, race, sexual orientation, disability, religion or belief.