

## Junior Software Developer

**Location** Hampton  
**Salary** £25k - £30k plus discretionary bonus

### Company Summary

Carbon Architecture is an established, expanding company that has a strong reputation for delivering Energy & Process Improvements and wider sustainability solutions, services and products to the FMCG sector and NHS.

This is an ambitious organisation with a wealth of engineering expertise in energy, water and product waste efficiency solutions for industry. It has established a solid platform for growth based on technology. Carbon Architecture is developing IP through a data analytics managed service for use in commercial buildings and in industry as an integrated cloud-based solution (hardware, software & services). The key benefit is lower cost of ownership for energy consuming assets.

Heading into their 12th year the management team are looking to bring on a junior developer to accelerate the pace of development.

The candidate will have responsibilities in existing product support, development and testing. With an interest in machine learning they will help us extract value from our data. They will participate in all processes from data collection, cleaning and pre-processing, to training models and deploying them to production, as well as playing an active role in creating our website infrastructure.

The successful candidate will be self-motivated and looking to rapidly progress their career as part of a dynamic growing team.

### Responsibilities

- Product support
- Proactive opportunity identification and problem resolution
- UI design and developing website infrastructure
- Provide technical support to consultants on consultancy projects
- Understanding business objectives and developing models and tracking metrics to achieve them
- Managing resources such as hardware and data
- Analysing ML algorithms to solve problems
- Exploring, visualizing and cleansing data to understand it
- Training models, analysing errors and deploying to production

### Requirements

- Strong academic qualifications in a relevant discipline
- Good time management, prioritisation and ability to meet deadlines
- Self-motivated and ambitious

### Skills

- Familiarity with Python and basic libraries for machine learning such as scikit-learn and pandas
- Familiarity with Linux
- JavaScript, CSS, Node-JS
- C#, Python or Fantom programming experience
- Experience of software testing, unit, integration, stress and load tests

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