

Sustainability Developer

The difference between today's ultra efficient smart buildings and run of the mill energy-wasters is not what you think. Add-ons like solar, LED lighting, ultra-performance glass, and extra insulation all contribute to energy efficiency, but cost a lot upfront and don't guarantee energy efficiency. Why? Too much variation lies in how people use the building. The secret lies in leveraging the data! The magic ingredient we have found between average and excellent is simply whether or not modern buildings leverage their data - data streaming from thousands of sensors is now integrated into buildings as a standard practice, but very few building operators leverage this data. We believe that every building is trying to tell you something if you're listening. And that listening gets much easier with our software solutions.

Envinity's Building Energy Solutions (BES) group is a growing, collaborative team of engineers, designers, and analysts focused on energy efficiency. BES is seeking an **Entry-Level Sustainability Developer/Programmer/Analyst** to join our Fault Detection and Diagnostics team to assist in our success and growth in hospital and university buildings. We make complex buildings work better. Working with us you'll learn how to trim 20% of the energy usage out of even today's "greenest" buildings with little more than intelligent computer programming. Envinity BES develops, designs, and manages energy programs for commercial and institutional clients. Learn more about us at <https://www.envinity.com/commercial-building-energy-solutions>.

For this position we're looking for a developer/programmer/analyst who is interested in applying their skills to helping organizations save energy and achieve sustainability goals. Candidates should be willing to learn new skills in the areas of building mechanical (HVAC) and controls systems analysis. The home base for the position is our State College, PA office with the option of being hybrid or fully remote.

Responsibilities

- Develop algorithms, dashboards, reports, and scripts to share energy, climate, and building health KPIs with stakeholders.
- Monitor building equipment for energy efficiency and operational fault conditions, and Key Performance Indicators utilizing SkySpark™ fault detection software.
- Integrate SkySpark with new or existing building management systems.
- Analyze and interpret large amounts of data related to building system operations including Building Automation System trends.
- Provide support to commissioning, retro-commissioning, energy master plan and design projects.
- Work with the Client's IT department for approval connections and hardware.
- Participate in Client meetings, typically virtual, but may occasionally be in-person on-site.
- Maintain professional relations with co-workers, offer assistance to co-workers when possible, ask for help and guidance from coworkers when necessary, and always treat co-workers with respect.
- Complete administrative tasks including but not limited to time sheets, expense reports, and project management updates.
- Follow all safety standards and attend required safety training.

Qualifications

- 0-2 years of professional experience programming/data analysis
- AS/AAS or BS Degree in fields related to Software Development & Programming, Computer Science, Information Management, Information Technology, Data Sciences, Networking & Cyber Security, Building Automation
- Attention to detail in software design, debugging, development fundamentals, documentation, and testing
- Desire and ability to learn a new programming language

- Desire to work in the field of energy efficiency and sustainability, commissioning, and building operations
- Solid knowledge of Microsoft Office Suite with a high level of proficiency in MS EXCEL.
- Strong desire to be part of a team that is making a difference
- Critical thinker and problem-solver

Applicant Submissions

- Resume (required)
- Cover letter emphasizing experience and interest in the type of work that Envinity does (*required*)
- Code sample (*upon interview*)

Interested? Submit a cover letter and resume to: Careers@Envinity.com, Subject: "SkySpark."

Applicants selected for our interview process must agree to DMV and criminal background checks.

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