



Engineer - Automation Job Description

Inspiring Technologies Corporation is an integrator of intelligent Building Automation Systems (automatic temperature control, lighting, and energy management), Network Infrastructure and Access Control and Security Systems primarily serving clients in the Chicago area. We work with facility owners, architects, engineers, contractors, and management companies to create innovative solutions tailored to meet the unique needs of our customers.

The Automation Engineer performs basic technical and project management duties under the supervision of the Design Engineer. Understands and identifies project requirements and performs independent technical work on basic tasks within one's own discipline. Provides guidance to Designer Engineer on completion of duties. This engineering position is responsible for the design of quality building automation control practices for assigned projects. Specific responsibilities shall include, but not be limited to, both pre contract and post contract work as described below:

Responsibilities:

- Develops advanced systems designs within own discipline with minimal supervision.
- Create building automation and integrated system drawings and reports.
- Prepares project deliverables per the client's intent and scope of work in ITC's proposal.
- Actively participates in the engineering/professional community to build personal knowledge and professional growth (e.g. attend meetings / seminars / conferences and/or write articles for trade magazines).
- Performs duties to assist or act as the project manager as follows:
 - Gives input or creates plans to complete tasks within the project timeline and budget, identifies required precursors from other disciplines in a timely fashion.
 - Fully understands and advises clients of ITC's service offerings.
 - Meets or exceeds utilization goals and adheres to project budget.
 - Identifies and reports potential roadblocks and competing client and co-worker priorities that may inhibit the ability to maintain the project scope, schedule, and budget.
 - Develops understanding of ITC's accounting and project management systems.

Required Knowledge and Skills:

- Four (4) year college engineering or technical degree required or equivalent work experience with programmable logic controller (PLC)/industrial controls a plus.
- Good understanding and technical knowledge of HVAC equipment and systems.



- Good understanding and technical knowledge of access and/or building automation systems
- Able to read, analyze and interpret technical documents and specifications, technical procedures and government regulations.
- Proficient in applicable software (i.e., AutoCAD and Revit).
- Extensive experience with Microsoft programs/tools such as Outlook, Word, Excel and PowerPoint.
- Organizational skills including, but not limited to, the ability to handle multiple demands and assignments, the ability to prioritize tasks effectively and efficiently
- Established customer service skills.
- Good verbal and written communication skills including, but not limited to, listening effectively and soliciting input from others.
- Knowledge of industry codes and standards: ASHRAE, NEC, NFPA, UL, etc.
- Knowledge of electrical safety standards and practices.

Preferred Knowledge and Skills:

- Other professional certifications (LEED, CEA, BEP, PE, etc.) a plus.
- Working experience with building automation vendors (Johnson Controls, Honeywell, Allerton, Automated Logic, etc.) highly preferred.
- IT knowledge also highly preferred.

Inspiring Technologies is an Equal Opportunity and Affirmative Action Employer encouraging diversity in the workplace. All qualified applicants will receive consideration for employment without regard to their race, color, creed, religion, national origin, citizenship status, ancestry, sex, age, physical or mental disability, marital status, family responsibilities, pregnancy, genetic information, sexual orientation, gender expression, gender identity, transgender, sex stereotyping, protected veteran or military status, and other categories protected by federal, state or local law.

Employment is contingent upon successful completion of background investigation and drug screen. All applications and resumes are held in confidence. Only candidates whose profiles closely match requirements will be contacted for an interview. Interested applicants please submit resume and cover letter to careers@inspiringtc.com for consideration.