



Michael ANDERSON

ELECTRICAL CONTROL ENGINEER

Motivated Electrical Control Engineer with a focus on building automation and energy management systems. With over 5 years of experience in the commercial sector, I have a solid understanding of HVAC control systems and energy-efficient designs. Proficient in using building management software to optimize energy usage and reduce operational costs. Strong communicator, capable of conveying complex technical information to non-technical stakeholders.

CONTACT

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SKILLS

- Building automation
- HVAC control
- energy management
- troubleshooting
- project collaboration
- technical documentation

LANGUAGES

- English
- Spanish
- French

EDUCATION

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING, CITY COLLEGE, 2016

ACHIEVEMENTS

- Recognized for outstanding performance in energy efficiency projects, receiving the 'Rising Star Award' in 2020.
- Achieved a 25% reduction in energy costs for a major commercial client through innovative solutions.
- Contributed to a project that received the 'Excellence in Design Award' from the local engineering society.

WORK EXPERIENCE

ELECTRICAL CONTROL ENGINEER

Smart Building Solutions

2020 - 2025

- Designed control systems for HVAC operations, resulting in a 30% reduction in energy consumption across multiple buildings.
- Implemented building management systems to monitor and control energy usage effectively.
- Performed energy audits and assessments to identify opportunities for efficiency improvements.
- Collaborated with architects and contractors to design integrated control solutions for new commercial projects.
- Trained staff on building automation systems, enhancing operational knowledge and efficiency.
- Conducted system troubleshooting and maintenance, ensuring minimal downtime and optimal performance.

JUNIOR ELECTRICAL ENGINEER

Energy Efficient Designs

2015 - 2020

- Assisted in the design and implementation of energy management systems for commercial properties.
- Supported senior engineers in conducting energy audits and developing actionable recommendations.
- Participated in project meetings, providing input on electrical control requirements and system designs.
- Utilized energy modeling software to simulate building performance and evaluate design options.
- Created technical documentation for energy management systems, ensuring compliance with local regulations.
- Engaged in continuous learning through professional development opportunities in building automation.