



MICHAEL ANDERSON

ELECTRICAL BIM ENGINEER

CONTACT

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-  San Francisco, CA

SKILLS

- BIM
- Revit
- AutoCAD
- Solar Energy
- Energy Modeling
- Project Coordination

LANGUAGES

- English
- Spanish
- French

EDUCATION

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING, CALIFORNIA STATE UNIVERSITY, 2016

ACHIEVEMENTS

- Successfully completed projects that resulted in a 20% increase in energy efficiency.
- Recognized for outstanding contributions to a solar farm project that won a state award.
- Trained over 30 field technicians in solar installation procedures.

PROFILE

Results-oriented Electrical BIM Engineer with over 5 years of experience in the renewable energy sector. I specialize in designing and implementing electrical systems for solar energy projects, leveraging Building Information Modeling (BIM) to enhance system integration and project efficiency. My expertise in software such as Revit and AutoCAD allows me to create precise electrical plans that maximize energy production while adhering to stringent safety standards.

EXPERIENCE

ELECTRICAL BIM ENGINEER

Solar Solutions Inc.

2016 - Present

- Designed electrical layouts for residential and commercial solar installations using Revit.
- Conducted energy modeling to optimize system performance and efficiency.
- Collaborated with project managers to develop timelines and project scopes.
- Performed site assessments to ensure compliance with local electrical codes.
- Created detailed documentation for installation and maintenance procedures.
- Facilitated training for contractors on best practices for solar system installation.

JUNIOR ELECTRICAL ENGINEER

Green Energy Corp

2014 - 2016

- Assisted in the design of electrical systems for wind and solar projects.
- Utilized AutoCAD to develop schematics and wiring diagrams.
- Supported the senior engineer in conducting feasibility studies for new projects.
- Maintained project documentation and updated design changes as necessary.
- Participated in client presentations to showcase project designs.
- Engaged in continuous learning to stay current with renewable energy technologies.