



MICHAEL ANDERSON

Electrical BIM Engineer

Strategic Electrical BIM Engineer with extensive experience in the transportation sector, specializing in rail and transit projects. I have over 9 years of experience utilizing Building Information Modeling (BIM) to enhance the design and implementation of electrical systems in public transit facilities. My background includes the successful management of complex projects that require meticulous attention to detail and adherence to safety regulations.

CONTACT

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- San Francisco, CA

EDUCATION

Bachelor of Science in Electrical Engineering

Georgia Institute of Technology
2010

SKILLS

- BIM
- Revit
- Civil 3D
- Electrical Systems
- Project Management
- Risk Assessment

LANGUAGES

- English
- Spanish
- French

WORK EXPERIENCE

Electrical BIM Engineer

2020-2023

Metro Projects Inc.

- Designed electrical systems for rail transit facilities using Revit and BIM techniques.
- Collaborated with civil engineers to integrate electrical layouts into overall project designs.
- Conducted risk assessments to identify potential safety hazards during design.
- Participated in public meetings to discuss project designs with community stakeholders.
- Managed project documentation and coordinated with contractors during construction.
- Implemented energy-efficient solutions that reduced operational costs by 20%.

Electrical Engineer

2019-2020

TransTech Engineering

- Assisted in the development of electrical systems for transit projects.
- Utilized Civil 3D to support design integration with civil works.
- Maintained project schedules and updated documentation as needed.
- Engaged in site evaluations to ensure design compliance.
- Supported senior engineers in project management tasks.
- Contributed to safety audits to ensure regulatory compliance.

ACHIEVEMENTS

- Contributed to a project that improved transit system efficiency by 25%.
- Recognized for exceptional design work that enhanced public safety.
- Successfully managed a multimillion-dollar project under budget and ahead of schedule.