



# MICHAEL ANDERSON

## Senior Electrical CAD Engineer

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### SUMMARY

As an Electrical CAD Engineer with over 8 years of experience in the power systems sector, I have developed a robust set of skills that allow me to excel in designing and drafting complex electrical schematics. My background includes working with large-scale renewable energy projects where I was responsible for creating detailed layout plans and ensuring compliance with industry standards.

### WORK EXPERIENCE

#### Senior Electrical CAD Engineer GreenTech Solutions

Jan 2023 - Present

- Designed and drafted electrical schematics for large solar power installations.
- Collaborated with engineering teams to optimize design efficiency using AutoCAD.
- Ensured compliance with local and national electrical codes in project designs.
- Conducted training sessions for junior engineers on CAD best practices.
- Managed multiple projects simultaneously, improving delivery times by 20%.
- Created detailed documentation for project phases, enhancing team communication.

#### Electrical CAD Engineer Power Innovations Inc.

Jan 2020 - Dec 2022

- Developed electrical layout designs for substations and transmission lines.
- Utilized Revit for 3D modeling of electrical systems, increasing accuracy.
- Worked with project managers to define project specifications and timelines.
- Performed site surveys to assess project feasibility and technical requirements.
- Provided technical support during the construction phase to resolve design issues.
- Participated in design reviews to ensure alignment with project goals.

### EDUCATION

#### Bachelor of Science in Electrical Engineering from University of California, Berkeley

Sep 2019 - Oct 2020

### ADDITIONAL INFORMATION

- **Technical Skills:** AutoCAD, SolidWorks, Revit, Electrical Design, Project Management, Renewable Energy
- **Awards/Activities:** Successfully led a team that completed a 100 MW solar project ahead of schedule.
- **Awards/Activities:** Received 'Employee of the Year' award for outstanding project contributions in 2020.
- **Awards/Activities:** Improved design accuracy by implementing new CAD techniques, reducing errors by 30%.
- **Languages:** English, Spanish, French