

RYAN GREEN

Electrical Project Manager

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📍 West Point, GA

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WORK EXPERIENCE

Electrical Project Manager

Batson-Cook Construction

📅 2020 - current 📍 West Point, GA

- Leveraged Bentley AECOsim Building Designer to create detailed electrical system models, **preventing design clashes on 91% of occasions.**
- Supervised electrical installations for 9 construction projects on Microsoft Project, ranging from commercial buildings to industrial facilities.
- Implemented Megger PowerDB software to streamline all testing workflows, lowering the time taken to complete electrical testing processes by 4 days.
- Promoted the integration of Procore construction management software, ultimately improving the average project documentation accuracy by 68%.

Electrical Inspector

Georgia Power

📅 2017 - 2020 📍 Atlanta, GA

- Conducted thorough inspections of 141 electrical systems, including transmission lines, substations, and distribution networks, ensuring all were compliant with industry standards and laws.
- **Inspected 1325+ miles of transmission lines annually**, identifying and rectifying 93% of potential safety hazards immediately.
- Used Siemens Spectrum Power software to analyze existing system performance of each locality, diagnosing 21 faults and providing suggestions to fix them promptly.
- Facilitated the successful integration of renewable energy sources into the state's main grid, expanding clean energy capacity by 34%.

Electrical Apprentice

Power Design Inc.

📅 2014 - 2017 📍 Atlanta, GA

- Installed 19 electrical systems in compliance with NEC standards, contributing to a 21% improvement in project completion rates.
- Generated comprehensive documentation using SiteDocs, ensuring adherence to company policies.
- Designed 12 electrical schematics and layouts with SolidWorks Electrical, **reducing design iteration times by 3 days.**
- Developed testing procedures on MATLAB, ensuring high reliability of each electrical component with an average success rate of 97%.

EDUCATION

Bachelor of Science

Electrical Engineering

Georgia Institute of Technology

📅 2013 - 2017

📍 Atlanta, GA

SKILLS

- SiteDocs
- Siemens Spectrum Power
- Megger PowerDB
- Google Workspace
- Procore
- Microsoft Project
- MATLAB
- Bentley AECOsim Building Designer
- SolidWorks Electrical
- Asana