Ethan Boud
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OBJECTIVE

To leverage my skills in process improvement and quality assurance within a dynamic team environment, delivering value to the organization and its stakeholders while pursuing continuous professional growth.

WORK EXPERIENCE

Ion Solar
Quality Engineer
Provo, Utah
June 2023 - Present

- Oversee verification and compliance of solar projects with regulations and plans.
- Apply NEC knowledge for electrical installation verification.
- Facilitate interdepartmental communication and organization in corporate and field settings.
- Utilize problem-solving and troubleshooting skills to address and resolve issues efficiently.
- QA solar designs and installations while providing feedback and solutions.

Ion Solar
Senior Photovoltaic Engineer
Provo, Utah
September 2022 - June 2023

- Conduct custom electrical and structural work for solar installations.
- Implement process improvements to enhance operational efficiency.
- Apply practical knowledge of jurisdictions, building codes, and electrical codes.
- Verify structural integrity to ensure solar system qualification.
- Train and audit new hires and third-party contractors for quality assurance.

Ion Solar
Photovoltaic Engineer
Provo, Utah
February 2022 - September 2022

- Develop 3D models of homes and structures for solar installations.
- Create AutoCAD plan sets and solar installation documentation.

CURRENT EDUCATION

University of Utah
Software Development Bootcamp
Expected completion in April 2025

PREVIOUS EDUCATION

Brigham Young University
Bachelor of Science in Technology and Engineering
Provo, Utah
Graduation: April 2022

Minor in Design Thinking

Relevant Coursework:

- Foundations of Global Leadership
- Engineering Drafting with CAD Applications
- Computer Programming
- Communication Technology & Systems
- Visual Communication Design
- Technical Communication
- Creativity, Engineering, & Problem Solving
- Computer-Aided Manufacturing
- Principles of Technology & Engineering
- Process & Manufacturing: Metals and Polymers
- Modern Manufacturing
- Material Removal Manufacturing
- Innovation
- Design for X
- Principles of Statistics