Daniel Ritz

Energy Analyst

Daniel is an Energy Analyst at Harris Energy Solutions with experience in energy solar design, and data collection and analysis. He graduated from the Valparaiso University with a Bachelor of Science in Meteorology. Daniel's interest in climate change mitigation drives his learning and continued professional development in the renewable energy industry.

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Daniel Ritz | LinkedIn

EDUCATION

Valparaiso University
Bachelor of Science in Meteorology 2023

RELEVANT EXPERIENCE

- Performed drawing reviews to identify applicable building components
- Compiled data to perform analysis in building modeling software
- Utilized advanced Helioscope and PVSyst software to design and develop optimal photovoltaic systems, integrating condition set reports and detailed modeling
- Demonstrated proficiency in designing various systems, encompassing rooftop installations, ground mounts, and carports, ensuring the highest level of effectiveness and efficiency
- Compile solar feasibility modeling and analysis to present in a documented display for a client
- Demonstrated proficiency in creating data collection sheets to provide detailed measurements for eQuest modeling
- Utilized eQuest modeling software for building energy models for non-residential buildings

CERTIFICATIONS AND SKILLS

Certifications
- SQL 101 & 201 for Data Science: Leveraging ChatGPT and Resources (Boston Institute of Analytics)
- Building Performance Institute (BPI)
    - Building Science Principles
- Occupational Safety and Health Administration (OSHA)
    - 10 Hour Outreach Training Program – General Industry

Skills:
- Software
    - Microsoft Office Suite, Helioscope, PVSyst, SQL, JavaScript, Python, eQuest