

OWEN PALMER

Breckenridge & Denver, CO | 603.686.2727 | owen.shea.palmer@gmail.com | [LinkedIn](#) | [Personal](#)

SOLAR PV AND BESS ANALYST

Motivated, analytical team player with an affinity for energy sciences and project development. Committed to driving sustainable innovations and impactful leadership for a healthier planet. **3+ years experience** with **renewable energy project development** including site analysis, permitting, installation, monitoring & maintenance. Eager to bring my experience, skill, and enthusiasm to assist and empower a new team.

Education

BS Integrated Science and Technology | Computer Information Systems Minor | James Madison University 2018

- Developed a broad technical foundation of core science disciplines
- Adopted a collaborative, holistic, problem-solving mentality while employing systems thinking tools
- Concentration in energy, also focused on environmental science and production systems
- ABET accredited in applied science - testament to the high educational standards and rigorous expectations of its students and faculty
- Relevant Coursework: Energy Economics and Politics, Role of Energy in Modern Society, Thermodynamics
- President's List Spring 2017, Dean's List Fall 2017

Capstone

- BS ISAT program required a two-year capstone research project
- Teams of students collaborate with faculty and community members to propose, develop, manage, analyze, and report on a project that addresses a real-world problem
- Design and implementation of a plant propagation structure for a local nonprofit, Vine & Fig NCP
- Two main objectives for our research:
 - Assist in the documentation and recordkeeping of their agricultural productivity
 - Support the nonprofit in their efforts to educate, inspire, and nourish community members by means of fresh, nutritious, affordable, and local food

Work History

Innovative Energy | **NABCEP PV Installer & Analyst** | Breckenridge, CO (August 2019 – September 2022)

- Participated in site visits, assessed viability, engaged with customers in a cordial and professional manner
- Assisted with the preparation of design documents (site plan, roof plan, one line electrical)
- Gained familiarity with the permitting process across several jurisdictions
- Regularly conducted solar photovoltaic installations
 - Interpreted plans, ensured compatibility with given roof geometry, layout guide marks
 - Ensured safe, efficient, and proper mounting of systems in a variety of configurations
 - Installed electrical equipment and wiring as needed
 - Battery installation, maintenance, and replacement
- Composed analytical reports regarding system performance for the Town of Breckenridge
- Strived to familiarize and educate myself with useful, trade-specific knowledge
- Assisted with the installation of over 100 solar PV systems, both grid-tied and off-grid

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James Madison University | **Research Assistant** | Harrisonburg, VA (October 2017 – March 2018)

- Conducted research on both new and existing technologies
 - Mainly focused on patentability and alignment with market demands and strategic goals
- Assisted with preparing business models and plans to launch early-stage startup companies
- Trained collaboration skills amongst diverse stakeholders, bridging the gap between academia and the private sector

Skills

Technical:

Familiarity with Microsoft Office, R, Python, SQL, EES, BEopt, eQUEST, SAM, CAD, SketchUp, Google Earth, NEC, AI engines, GIS, OSHA, NABCEP, LEED

Business:

- Exposed to energy economics concepts in the ISAT program
- Studied computer information systems in an applied business context
- Interfaced with a variety of business professionals and aided small businesses as a research assistant
- Gained valuable experience and insight as a versatile team member at a small/medium solar company

Interpersonal:

Comfortable exercising informed, active communication and collaboration skills in a group setting while addressing complex problems with an eager and positive, yet analytical attitude.

Traits

Adaptable: Flexibility in a variety of settings and circumstances, remaining capable despite the environment

Trainable: Positive demeanor towards learning, ability to field criticism and make appropriate adjustments

Intuitive: Keen ability to absorb context clues and anticipate the proper actions / outcomes

Reliable: A willingness to demonstrate dependability and continually show up without making excuses

Diligent: Committed to being an industrious team member that reliably produces satisfactory results

Intentional listener: Focused on careful, active listening; present and engaged to better absorb information

Receptive: Openness to new ideas, suggestions, or criticism while keeping a calm and positive demeanor

Cognizant: An ability to keep several things into consideration at once, remaining mindful of many factors

Positive: Dedicated to preserving an uplifting disposition, not letting challenges disrupt morale

Resourceful: Creativity when finding solutions; seeking and leveraging possible aids to create success

Enjoys learning: An intellectual curiosity that bolsters a commitment to lifelong learning

Passionate: A strong conviction towards sustainability, project development, and making a difference

Additional

Valid driver's license - willingness to travel as needed for work

References available upon request