

## Elise Ashley, Associate

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### PROFESSIONAL EXPERIENCE

**Synapse Energy Economics Inc.**, Cambridge, MA. *Associate*, July 2023 – Present.

- Provides research and consulting services on various energy-sector issues, including energy storage and energy efficiency policy, program design, and performance
- Supports the development of Excel-based modeling tools to analyze the energy and emissions impacts of distributed energy resources
- Supports the development of comments and research on distributed energy resource plans

**The Possible Zone**, Boston, MA. *Manager of Development Operations*, January – July 2023; *Development Coordinator*, March – December 2022.

- Provided thought partnership and quality assurance on organization-wide structural and strategic planning, and supporting the finalization of the organization's 4-Year Strategic Plan
- Developed a first-ever database structure for managing community partnerships data across departments
- Managed all Salesforce Administration activities, optimizing the use of Salesforce to ensure it best supported fundraising activities, and designing and documenting procedures for ensuring consistent, high-quality data management practices
- Led the improvement of cross-departmental data health and gift management processes, to increase departmental efficiency and staff capacity to achieve 2023 fundraising goals

**Opinion Dynamics**, Waltham, MA. *Senior Consultant, Engineering*, January – October 2022; *Consultant, Engineering*, July 2019 – December 2021.

- Completed evaluation, measurement, and verification (EM&V) of residential and commercial utility energy efficiency programs (HVAC, lighting, DHW, weatherization, appliances, efficient products income-qualifying, SBDI) across the United States
- Consulted on energy efficiency program participant survey questions and conducted follow-up survey phone calls
- Developed a lifecycle cost analysis tool to estimate non-energy benefits of standard versus energy efficient equipment.
- Collaborated in the development of a data collection instrument and research methods to support the evaluation of a virtual inspection process instituted in response to Covid-19
- Led the development of a data collection instrument to assess California statewide building compliance to the California Title 24 Part 6 Building Energy Efficiency Codes
- Recommended, reviewed, and drafted Technical Reference Manual (TRM) updates

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**Sustainability Exchange, Washington University in St. Louis**, St. Louis, MO. *Intern*, January – May 2019.

- Worked in a student team to conduct an energy potential study of all municipal buildings in St. Louis, MO and propose an action plan to reduce energy consumption.

**Renewable Energy Student Engagement Team (RESET), Washington University in St. Louis**, St. Louis, MO. *Intern*, November 2018 – May 2019.

- Researched solar energy policy and incentives for a student-led solar panel installation project proposal at Washington University in St. Louis.

## **EDUCATION**

**Washington University in St. Louis**, St. Louis, MO

Bachelor of Science in Mechanical Engineering, with a minor in Psychology, 2019.

Graduated Cum Laude and with Dean's List Honors

**University of Auckland**, Auckland, New Zealand

Completed coursework in Thermodynamics, Thermofluids & Fluid Mechanics, and Environment & Society, 2017.

## **SKILLS**

Microsoft Office Suite, Salesforce Administration, MATLAB, Java

*Resume updated March 2024*