

Jason Frost, Research Associate

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PROFESSIONAL EXPERIENCE

Synapse Energy Economics Inc., Cambridge, MA. *Research Associate*, August 2018 – Present

Conducts research and provides consulting on a wide range of energy sector issues.

Lawrence Berkeley National Laboratory, Berkeley, CA. *Materials Science Researcher*, June 2017 – June 2018

- Developed software to accelerate discovery of improved thermoelectric materials for solid state conversion of heat to electricity under the guidance of Dr. Anubhav Jain.
- Implemented a new integration algorithm to more correctly calculate particle mobility.

Stanford University Department of Electrical Engineering, Stanford, CA. *Intern*, Summer 2016

- Searched for materials with rapidly changing dielectric functions and little loss, infinitely anisotropic materials, and permittivity near zero materials.

MIT Kavli Institute for Astrophysics and Space Research, Cambridge, MA. *Intern*, Summer 2015

- Modeled polarization laboratory experiments in Python.
- Modeled atmospheric absorption of soft X-rays and matched quasar jet data with theory.
- Co-authored two papers that have been submitted for publication.

Marblehead School Committee and Electric Department, Marblehead, MA. *Solar Initiative Creator/Director*, 2011 – 2013

- Researched and pitched solar power purchase power agreement. Requested and assessed proposals.

EDUCATION

Stanford University, Stanford, CA
Bachelor of Science in Physics, 2018.

Resume dated August 2018