

Fully funded internship available with BrightSource Energy

Project: Work with energy, non-imaging optics, algorithm development and image processing in Israel.

About BrightSource Energy:

### **Delivering on solar's promise**

BrightSource Energy, Inc. designs, develops and sells solar thermal power systems that deliver reliable, clean energy to utilities and industrial companies. The BrightSource Energy team blends internationally-renowned solar thermal technical experience with world-class finance and project development capabilities. BrightSource's LPT solar thermal system is designed to minimize impact to the environment and help customers reduce their dependence on fossil fuels. Headquartered in Oakland, Calif., BrightSource Energy is a privately held company with operations in the United States and Israel.

BrightSource has approximately 2.6 gigawatts of power under contracts with Southern California Edison and Pacific Gas & Electric Company, California's two largest utilities. In addition, the company manages an approximately 100,000 acre development site portfolio in California and the U.S. Southwest that has the potential to accommodate approximately 10 GW of installed capacity. The company's Solar Energy Development Center in Israel's Negev Desert is demonstrating BrightSource's LPT technology and producing the world's highest temperature and pressure solar thermal steam.

### **A history of solar expertise**

The principal members of our technical team pioneered the first utility-scale solar energy plants nearly three decades ago by designing and developing 354 MW of solar thermal electric power plants, which remain in operation today. In addition, the team has extensive finance and project development expertise, and has collectively developed, constructed, and managed more than 20 gigawatts, or GW, of solar, wind and conventional power projects worldwide. Today, the BrightSource technical team is building on this experience to advance the solar thermal industry by developing and deploying a solar power tower system that provides both higher solar energy conversion efficiencies and lower costs. ([www.brightsourceenergy.com](http://www.brightsourceenergy.com))

This internship would be arranged via the MISTI MIT-Israel program. Internships are from 3-12 months, many taking place in the summer. Opportunities are open to MIT students of all levels, as well as recent graduates.

To help make an international experience available to every MIT student, MIT-Israel internships are **all-expenses-paid**, including airfare!

Review the program [requirements](#), complete an [online application](#) and set up an appointment with the [MIT-Israel Managing Director](#).

For more information regarding this intership opportunity, please contact [mit-israel@mit.edu](mailto:mit-israel@mit.edu).

You can also apply directly at <http://web.mit.edu/misti/students/apply.html>

More information about the MISTI MIT-Israel Program: <http://web.mit.edu/misti/mit-israel/students/internships/program.html>