



College
Track

**FIRST GEN
INTERNS**

2020 INTERN JOB DESCRIPTION

Sighten

<http://www.sighten.io/>

San Francisco, CA

\$25/hr, 40 hours/week

June 22 – Aug 14

About

Sighten provides a comprehensive software toolset that handles the entire workflow for solar. The feature set supports the multiple stakeholders involved in successful solar deployment: originators, installers, financiers, and homeowners/offtakers, among others. The platform has several modules, including sales, operations, and reporting, all available in a modular fashion with related APIs.

Scope

The Software Engineer intern will tackle mission-critical coding projects essential to the growth of the company, and well aligned with their own strengths, interests, and professional/educational goals. Sighten is seeking to expand on its recent entrance to the energy efficiency and energy storage markets with new products and features for contractors to pair solar systems with other energy upgrades. This includes retrofitting existing solar systems with batteries, energy efficiency or electrification upgrades, as well as new energy management systems such as smart main service panels that optimize appliance load for maximum solar offset and bill savings. The Sighten software stack includes core solar production and pricing algorithms written in C++ and python, a full Django web platform with an integrated REST Web Service API, and a robust client application built on the AngularJS JavaScript framework.



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Qualifications

The candidate should have some level of prior experience with software engineering, computer science, or coding. Requirements:

- A positive, "can-do" attitude
- Team player who loves to code and collaborate
- Interested in working at a start-up and quickly taking on responsibility
- Experience with Python or JavaScript
- Excited about renewable energy growth Bonus
- Relational database experience
- Web development experience with MVC framework (preferably Django)
- Front-end development experience (JavaScript/HTML/CSS)
- Familiarity with JavaScript frameworks (Angular, Ember, etc.)

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