

C.S. FIELD SESSION

Advanced Software Engineering

Helio Home (www.heliohome.io) is a Golden-based company focused on changing the course of climate change through residential home electrification. Our aim is to use data science model capabilities built through our technology platform to develop an electrification roadmap and design for every home in america.

Description:

We want your help to build an application that visualizes the output of the energy models we are developing. This includes carbon emissions, energy efficiency calculations, and energy load changes before and after electrification measures are in place.

Tasks:

Work with the Helio Home technical team to select python based visualization tools.
Collaborate with the Helio Home technical team in developing new and unique ways to understand the energy model outputs.
Test the application with real data and simulation runs.

Tools:

Python

An understanding of database design

AWS understanding or willingness to learn.

Please let me know if you have any questions.

Jennifer Kinney

Chief Technology Officer

Helio Home

www.heliohome.io

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