

Position Title: Assistant Energy Data Analyst **SECE Job #: 264812-A5** <http://www.hawaii.edu/sece/>

Primary Job Category: Engineering

Class/Step & Amount: A5-\$17.35

Qualifications required:

- College of Engineering 3rd or 4th year, or graduate student preferred but qualified students from other disciplines are encouraged to apply.
- Passion for sustainability and energy efficiency.
- College-level understanding of power and energy data, and excellent math skills.
- Strong data analytic skills and experience graphing data.
- Experience with Tableau software or strong interest in learning it.
- Eager to learn, demonstrates a constructive outlook and team spirit, is trustworthy and responsible.
- Desired by not required experience: work with SQL databases, 3D graphics, GIS, scripting with Python, data analysis with R or MATLAB, Adobe Premiere, Photoshop, Illustrator and/or InDesign, Microsoft PowerPoint.

Narrative duties:

Sea Grant's Center for Smart Building and Community Design is seeking an engineering student who is passionate about energy efficiency and sustainability. This individual will work with a Sea Grant faculty member and collaborate the UH energy manager's team to create compelling graphs that demonstrate how energy is being used on campus.

The assistant energy data analyst will be helping to create graphs and "dashboards" with UH Manoa campus energy data. The assistant will receive on-the-job training but will be expected to research methods of graphing data with Tableau software, produce compelling graphs and dashboards, and create brief instructional videos of how graphs were made. The position is for 10-20 hrs/week for the summer with the possibility of extension into the academic year, depending on performance.

Work Schedule:

Work will be conducted during business hours at the University of Hawaii Sea Grant College Program (in HIG 205) and some work may be conducted remotely. (We will adjust to the pandemic as needed.) Applicant is expected be available for weekly meetings via video call or in person during business hours.

Additional Information:

Please put your name in the filenames and email them to Eileen Peppard at epeppard@hawaii.edu

Include the following:

- Letter of interest
- Resume
- Sample of previously created graphs
- Transcripts (they do not need to be official)
- Please list at least two references (such as employers or instructors) who may be contacted.