EcoShift Energy and Climate internships

Organization/Agency: EcoShift Consulting

Date: Nov. 18, 2014

Supervisor/Sponsor: Tiffany Wise-West

Supervisor/Sponsor title: Sr. Environmental Engineer

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# of interns needed/Hours worked per intern:

Options (choose one)

2 interns 10-12 hr/w

Remove listing by 4/1/2014

Described the internship assignment:

ES Project 1: Support techno-economic studies of solar PV for commercial property owners

For this project, funded by the UCSC Carbon Fund, EcoShift is seeking an intern to work on a variety of tasks related to commercial property energy efficiency and solar PV project characterization, site suitability and economic feasibility studies for target businesses in Santa Cruz County. The project team will work closely with commercial property owner representatives, City of Santa Cruz Climate Action Staff, and financial institutions, as necessary, to complete the scope of work for this six month project. This is an unpaid internship. Course credit can be arranged with the Environmental Studies Internship Office. Preferred skills include: Excel, Word, financial analysis, and familiarity with renewable energy policy, siting and financing.

ES Project 2: Support UCSC's Integrated Energy and Climate Strategy project

For this project, EcoShift is seeking an intern to work on a variety of tasks related to the firm's role in UCSC's year-long Integrated Energy and Climate Strategy project. Tasks include assisting with data collection and compilation, development and testing of a techno-economic analysis tool, and development of scenarios to support the decision making process on UCSC's long term energy strategy. This is an unpaid internship. Course credit can be arranged with the Environmental Studies Internship Office. Preferred skills include: Excel, Word, building science, and energy efficiency auditing.

Brief statement about the agency

EcoShift provides turn-key consulting focused on helping companies and organizations create value through sustainability. EcoShift relies on metrics to set the foundation for change, flexibility, and incorporating sustainability into organizations. EcoShift helps organizations increase innovation, revenue, and strengthen their brand while cutting costs, and reducing risk – all by building
sustainability into operations, products, and services. EcoShift seeks interns to work on two projects, ES Project 1 and ES Project 2, as described below.

EcoShift Consulting is seeking 2-3 motivated interns with strong analytical skills to work with its management staff on two projects next year during winter and spring quarters, possibly longer.

Specific objectives of the projects assigned to the intern

ES Project 1: Support techno-economic studies of solar PV for commercial property owners
Objective: Provide consulting services to commercial property owners to develop apples to apples comparisons of financing options for technically feasible solar PV systems, leading to a target of ½ MW of installed solar PV capacity in Santa Cruz County.

ES Project 2: Support UCSC's Integrated Energy and Climate Strategy project
Objective: Engage with a team of consultants to formulate the most cost effective suite of strategies to put UCSC on the path to carbon neutrality.

Which binders should we place your listing in? __Environmental Education  X_Green Building  X_Policy and Planning  X_Research  ___Conservation Biology  X_Waste Mgmt/Toxics/Energy  ___Environmental Justice  ___Agroecology.  Other?

Prerequisites:

Preferred skills/background:
See specific skills for each project in the project description.

Required skills/background:
Most important for all these projects is that applicant can demonstrate that he/she is a quick learner, detail oriented, dedicated and is enthusiastic to work with SupplyShift and EcoShift Consulting, Santa Cruz-based sister firms.

If you are interested, please submit a cover letter including which project(s) you are most interested in and why, and a resume with a list of courses completed to Tiffany Wise-West at twisewest@ecoshift.com

For more information about EcoShift see www.ecoshift.com