

Oakie Acorn

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QUALIFICATIONS SUMMARY

- Knowledge of energy systems/technologies, energy markets, energy trends, energy efficiency, and sustainability
- Experience executing greenhouse gas emission inventories and reduction strategies, conducting professional level financial analyses of renewable energy projects, comprehension of energy in building systems, and energy efficiency
- LeadingGreen LEED training course completion, **LEED GA certification** expected January 2016
- *Relevant coursework includes:* Renewable Energy Systems, Energy Systems, Sustainable Energy Systems in Buildings, Energy Markets and Regulation, Introduction to Sustainable Energy, and Introduction to Economics

EDUCATION

State University of New York College of Environmental Science and Forestry (SUNY-ESF) *May 2016*
Bachelor of Science: *Sustainable Energy Management* | Minor in Economics Syracuse, NY
GPA: 3.1

University of Auckland *February-June 2013*
State University of New York Study Abroad | *Environmental Studies* Auckland, New Zealand

RELATED EXPERIENCE

Senior Capstone: Ice Chiller, SUNY-ESF *August 2015-Present*
Senior Researcher

- Examine the feasibility of converting current cooling systems at SUNY-ESF in multiple locations of the main campus to an ice chiller system
- Collect data from an ice chiller system at Jefferson Community College
- Collaborate with a group of engineering students to determine the necessary load of the system

Sustainable Energy Systems in Buildings, SUNY-ESF *August 2015-Present*
Student Participant

- Study construction management-related matters in creating a more sustainable energy use in commercial and residential buildings
- Determine the feasibility of implementing sustainable energy systems in construction as well as issues related to using energy more efficiently
- Construct reports on different scenarios including calculations and appropriate analysis

Greenhouse Gas Inventory: Darco Manufacturing Inc., Syracuse, NY *January-May 2015*
Student Participant: Environmental and Energy Auditing

- Inventoried annual CO₂ emissions generated from operation: direct, indirect, and external emissions of a local small business
- Analyzed potential areas of improvement and generated a sustainability plan to reduce emissions
- Developed a financial analysis of emissions reduction measures and presented project for 30+ students and faculty

Peconic Dunes 4-H Camp: Cornell Cooperative Extension, Southold, NY *June-August 2014*
Environmental Educator and Youth Development Intern

- Trained by DEC in the areas of Garden Science, Great Pond, Long Island Sound and Woodland/Wetlands to develop an environmental science curriculum based off these distinctive ecosystems in Long Island
- Worked with 60+ children to teach basic understanding of agricultural sciences
- Received certifications in Project Wet and Project Wild
- Raised scholarships for inner city children through a DEC partnership providing a parks programs for the general public

LEADERSHIP AND CAMPUS INVOLVEMENT

Orientation Team *August 2014-Present*
Orientation Leader/Mentor

- Fostered a positive transition to campus life for new students by creating an atmosphere in which students can get to know each other and feel comfortable interacting with each other

Plant Propagation Club *August 2014-Present*
Vice President, Treasurer

Sustainable Energy Club *August 2014-Present*
Active Member