**Oakie Acorn**

1 Forestry Drive ǀ Syracuse, NY 13210 ǀ (315) 470-6900 ǀ oacorn@syr.edu

**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 (ESF)** *May 2024*

Bachelor of Science: *Sustainable Energy Management* **|** Minor in Economics Syracuse, NY

*GPA: 3.1*

**University of Auckland** *February-June 2022*

State University of New York Study Abroad | *Environmental Studies*  Auckland, New Zealand

**RELATED EXPERIENCE**

**Senior Capstone: Ice Chiller,** ESF *August 2022-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**, ESF *August 2022-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 2022*

*Student Participant: Environmental and Energy Auditin*g

* 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 2020*

*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
* Taught 60+ children basic understanding of agricultural sciences

**LEADERSHIP AND CAMPUS INVOLEMENT**

**Plant Propagation Club** Vice President, Treasurer *August 2020-Present*

**Sustainable Energy Club** Active Member *August 2020-Present*