

JOHN MUIR

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EDUCATION

- University of New Hampshire**, Durham, NH Expected May 2017
Bachelor of Science in Environmental Conservation and Sustainability.
Minor in Business Administration. GPA: 3.47
Awards: Class of '31 Merit Scholarship, University Award of Excellence.
- CIEE in Monteverde**, Monteverde, Costa Rica Spring 2016
Concentrated in Sustainability and the Environment and honed my Spanish language skills while studying abroad.
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RELEVANT COURSEWORK AND FIELD SKILLS

- Resolving Environmental Conflicts** Fall 2016
 - Pursued the study of theories and practices of governmental, non-governmental, and public involvement in environmental dispute settlements and improved knowledge of approaches to resolving conflicts like meditation, negotiation, and litigation.
 - Conducted research to observe and analyze local NH government creation of review of HB 1428-FN-A-Local, an act to extend funding time periods for wastewater projects by establishing a "Clean Water State Revolving Fund."
- Introduction to GIS** Fall 2015
 - Developed basic proficiency in the use of ArcGIS software and honed the techniques of data input, output and storage, modeling and analysis, and interpolation.
 - Adhered to industry-level quality standards while working on an independent mapping project for a section of Oyster River.
- Additional Coursework:** Environmental Modeling, Community Economics, Applied Biostatistics, Sustainability Leadership.
- Field Skills:** Expert in use of topographic maps and use of compass and GPS units. Experience identifying over 150 species of plants and wildlife native to New England. Proficient with measurement and analysis techniques used in forest, range, wildlife, watershed, and recreation management.
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RESEARCH EXPERIENCE

- UNH International Research Opportunities Program (IROP)**, Monteverde, Costa Rica Summer 2016
Student Research Assistant
 - Selected for a competitive undergraduate research grant through the University of New Hampshire's Hamel Center.
 - Established a relationship with the Costa Foundation, based out of the UK, to design a comprehensive internship opportunity to assist the local coffee growing community in Monteverde with environmental education efforts.
 - Partnered with a faculty mentor, UNH professor Dr. Jenica Allen, to develop a research proposal and travel/project budget.
 - Researched land use change from establishment of coffee farms in order to project future ecological changes.
 - Collaborated with native coffee growers to educate the locals on sustainable farming practices to protect the soil and plants.
- ArcGIS Project, University of New Hampshire**, Durham, NH Summer 2016
Intern
 - Presented a proposal for improvement of water quality in Lake Winnepesaukee, based on research.
 - Prepared a plan based on instream flow measurements and maps created in ArcGIS.
 - Drafted a 20-page report and presented the plan to an audience of over forty stakeholders using MS PowerPoint.
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WORK EXPERIENCE AND CAMPUS LEADERSHIP

- Breaking New Grounds Coffee**, Durham, NH September 2014 – Present
Barista
 - Initiated a high level of customer service while working in a fast-paced environment with a high customer turnover rate.
- Residential Life, University of New Hampshire**, Durham, NH August 2014 – Present
Resident Assistant
 - Fostered conversation and solid teamwork with people from diverse racial, ethnic, and socioeconomic backgrounds.
 - Handled multiple demands through developing effective time management techniques and learning how to prioritize well.
 - Exhibited integrity in decision-making when guiding students through emotional situations and times of crisis.
 - Dedicated 15+ hours a week to serve residents while successfully balancing a full academic course load and a part-time job.