

# Robert Beazley

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Chapel Hill, NC

## EDUCATION:

### North Carolina State University (2012-2016)

B.S. in Fisheries, Wildlife, and Conservation Biology-Fisheries Concentration

**SKILLS:** Python, Django, CSS, HTML, Bootstrap, Git, GitHub, Heroku, Powershell, VS Code, Jupyter Notebooks, Pandas, SQL, AWS S3, Javascript, Microsoft Teams, Excel, Word, Powerpoint, Slack, GIS, Arboriculture, Customer Service, Sales

**Coding Portfolio:** [beazleyportfolio.herokuapp.com](https://beazleyportfolio.herokuapp.com)

## CERTIFICATIONS:

- ISA Certified Arborist SO-10674A (2021)
- NC Pesticide Applicator License: Right-of-Way Category (2022)

## APPLICABLE EXPERIENCE:

### Environmental Consultants Incorporated (ECI)-Raleigh, NC: Contract Forester

(July 2021-Present)

- Inspect tree trimming and tree removal work on Duke Energy distribution lines in the Raleigh/Cary area to verify satisfactory completion of work by tree contractor and compliance with ANSI standards.
- Address customer refusals by providing utility and arboricultural knowledge in order to come to an agreement on tree trimming or removals.
- Input QA findings into FMA, a GIS based software, and communicate deficiencies to the tree crew foreman in a constructive manner.
- Provide crew oversight in highly sensitive areas and work together with property owners and crews in order to produce a satisfactory outcome for both Duke Energy and the customer.
- Attend Duke Energy construction meetings with VMS to gain knowledge on the vegetation requirements for new line construction or modification.
- Maintain a culture of safety through the completion of daily JSAs, driving safely, and complying with strict industry standards set by OSHA, ANSI, and Duke Energy.

### Curated.com: Ski Expert (October 2021-Present)

- Utilize communication skills and sales experience to sell ski gear to customers with Curated.com's online platform to create personalized gear recommendations based on a person's skill level, budget, and other individual needs.
- Continuously follow-up with customers to provide support and assist with any new gear requirements or customer service related issues.
- Communicate with a large pool of Curated ski experts and staff utilizing multiple Slack channels.

### CN Utility Consulting-Raleigh, NC: Contract Forester (January 2021-July 2021)

- Work directly with Duke Energy Vegetation Management Specialist in the Raleigh area to maintain transmission powerline reliability and safety through established vegetation management practices.
- Utilize LIDAR and air patrol data to field verify and plan the removal or pruning of high priority threats to 230 kV and 115 kV transmission lines.
- Perform QA inspections on vegetation management work completed by tree contractors and report findings to Duke Energy.
- Complete safety observations on tree crews and report findings to Duke Energy to insure compliance with standards such as OSHA and ANSI Z133 Safety Standards.
- Plan bucket and climbing tree work in sensitive residential areas and contact property owners to inform them of the tree work to occur along the transmission line ROW.
- Respond to customer complaints and make site visits to complete tree risk assessments and determine if there is currently a threat to the transmission lines.
- Issue tree work to tree contractors and work directly with General Foreman to assist with property owner disputes, access issues, etc.

**CN Utility Consulting-Raleigh, NC: Consulting Utility Forester (October 2020-January 2021)**

- Contracted by Duke Energy in the Raleigh area to inspect transmission powerline right-of-ways for danger trees within ROW and buffer zone that could impact the high-voltage lines.
- Work with team to flag ROW, measure tree heights, and mark hazard trees for removal.
- Utilize LIDAR data to assess areas with hazard trees and input data into tablet based on what is found in the field.
- Submit work plan to utility detailing the work to be performed and what method is recommended to complete the work.

**Environmental Consultants Incorporated (ECI)-Truckee, CA: Consulting Utility Forester (May 2019-August 2020)**

- Contracted by Liberty Utilities-Lake Tahoe to work alongside vegetation management department to maintain compliance with California line clearance regulations.
- Inspect high-voltage power lines and add trees to Inframap GIS program for trimming or removal to maintain compliance with state law, and select best trim type to obtain clearance while maintaining good tree health.
- Mark dead trees that could impact power lines under CEMA program to prevent potential arcing or line damage that could ignite wildfires.
- Communicate with Liberty Utility customers to inform them of trees out of compliance, and obtain written permission to remove such trees.
- Train new employees on line inspection standards and data entry procedures.
- Identify tree species in the Lake Tahoe Basin, and understand signs of poor tree architecture or health.
- Use rangefinder and DBH tape to measure height, distance from lines, and size class of trees that are found to be a threat to high-voltage lines.
- Work in inclement weather including rain, snow, and ice and hike long distances cross-country to complete line inspections.
- Understand components of utility power lines and maintain Minimum Approach Distances required for different line voltages.

**Phillips and Jordan-Raleigh, NC: Environmental Coordinator (May 2017-October 2017)**

- Completed weekly and post-rain site inspections using GeoJot+, Excel, and Word to create reports that included labeled photo documentation and extensive notes on any

changes that occurred post-precipitation or throughout the week due to landowner disturbance, etc.

- Monitored site restoration progress on transmission line projects using GeoJot+, and created detailed reports that included the appropriate NPDES forms and photo documentation of stabilized areas. Also, maintained records on seed and fertilizer use and collected seed/fertilizer tags.
- Became familiar with reading project plans and general construction practices relating to building access roads, work pads, wetland crossings, temporary bridges, and other aspects of civil construction.
- Documented environmental issues, such as broken filter sock or work pad erosion, and coordinated with the crew to take corrective action in a timely manner.
- Submitted hours for the crew and tracked equipment and truck mileage/hours in FMP.
- Submitted weekly progress updates to general contractors and utility that included details on project hours, construction progress, restoration progress, landowner disputes, and additional project details.
- Worked in the field around heavy equipment, such as loaders, D4 bulldozers, large excavators, dump trucks, lowboy trailers, knuckle booms, and various other types of heavy equipment.
- Worked near high-voltage transmission lines/substations, and obtained training on minimum approach distances.
- Gave weekly safety talk to crew and addressed any additional safety concerns of the crew to our safety managers.
- Made repairs by hand on filter sock, sediment traps, and erosion control blanket. Also, overseeded areas lagging in growth.
- Participated in conference calls and on-site meetings to keep all contractors up to date on progress and address any current or potential issues.

**Foster Lake and Pond Management-Charlotte, NC: Technician** (June 2015-April 2017)

- Analyzed current state of pond or lake and developed strategy to improve the fishery through the treatment of invasive plants, addition of fish habitat, and addition of the most beneficial fish species.
- Completed stormwater BMP restoration and maintenance projects, such as planting littoral plants along shorelines, removing sediment and invasive plants, installing fountains or diffusers to increase dissolved oxygen levels, and repairing leaking dams and risers.
- Stocked fish species, such as largemouth bass, hybrid striped bass, bluegill, and channel catfish to maintain a balanced ecosystem and predator-prey relationship within the lake or pond. Also, stocked sterile triploid grass carp to help naturally remove invasive aquatic plants, such as hydrilla.
- Participated in electrofishing surveys, and recorded weight, length, and species of collected fish to gain an understanding of the state of the fishery and used this information to devise a stocking plan to add balance to the ecosystem.
- Helped maintain fish tanks by removing dead fish, cleaning the tanks, and monitoring water temperature, pH, and dissolved oxygen levels.
- Created reports on each pond or lake and recorded water temperature and pH on each visit and noted any issues present and what actions were taken to correct them. This included the types and specific quantities of aquatic herbicides used.

**OTHER WORK EXPERIENCE:**

**Alpine Meadows Ski Resort-Truckee, CA: Ski Instructor** (February 2019-June 2019)

- Taught adults and children the fundamentals of skiing through methodical progression.
- Worked to achieve the goals of the clients by challenging them with new drills and more difficult terrain.
- Effectively communicated techniques and skills in a group setting.
- Evaluated the performance of students at the end of the lesson and gave them advice to continue improving.

**Black Tie Ski Rental Delivery-Truckee, CA: Technician** (November 2018-April 2019)

- Deliver ski and snowboard equipment to guests and fit them with proper boots, etc.
- Adjust skis to desired boot size and set skier's DIN based on height, weight, and ability.
- Run ski valet service at Welk Resorts at Northstar.

**Alpenrose Gardenscapes-Vail, CO: Technician** (April 2018-October 2018)

- Planted window boxes and pots with an arrangement of flowers.
- Maintained greenhouse and watered plants.
- Worked with crew to create landscape features such as flagstone walkways and decorative flower beds.
- Maintained flower beds and flower pots by deadheading and raking.

**Vail Lacrosse Club-Vail, CO: U12 Coach** (Spring 2018)

- Taught players the fundamentals of lacrosse and emphasized the importance of teamwork and sportsmanship throughout the season.

**Vail Ski Resort-Vail, CO: Mountain Safety** (November 2017-April 2018)

- Interacted with guests to educate them on how to ski or ride in the safest way possible.
- Worked with team in assigned area to set up and monitor slow zones on the mountain.
- Assisted guests in multiple ways, including contacting ski patrol, giving directions, etc.
- Helped host safety related events held for Small Champions, an adaptive ski program that helps people with disabilities enjoy skiing and snowboarding.

**Rowboat Dock and Dredge-Mooresville, NC: Laborer** (Summer 2012, 2013)

- Worked with crew to frame and deck docks.
- Assisted with driving of pilings and rafter installation.
- Operated forklift, skid-steer, and other forms of heavy equipment.
- Installed floats and pavers on metal-framed docks.
- Pushed barges and dock pieces to job sites around the lake using small boat.

**OTHER EXPERIENCE:**

**NC State Fisheries and Wildlife Summer Camp**

- Completed a 6-week course that involved studying the ecology of the coastal, Piedmont, and mountain regions of North Carolina.
- Studied plant, bird, mammal, fish, amphibian, reptile, and insect identification across NC.
- Collected fish samples on the coast using trawl nets, gill nets, and sein nets, and analyzed these samples by counting, weighing, and recording the species of fish collected.
- Captured eels in traps and installed PIT tag to record movements along canals.
- Studied coastal forest and marsh ecology and analyzed the effects of prescribed fires.
- Mapped Piedmont forest plots using a Garmin GPS and ArcGIS.
- Completed backpack and boat electrofishing surveys on a stream and lake.

- Collected several reptiles such as black racers and Eastern box turtles and installed PIT tags.
- Tagged white-tailed deer fawn to track its movements as it matures.
- Hid radio collars in large plots and located them using a telemetry antenna.
- Installed mist nets and banded birds that were caught in nets.
- Identified bird species based on appearance, location, and call.
- Completed hook and line survey on pond to evaluate largemouth bass population.
- Identified tree and plant species in the coastal, Piedmont, and mountain regions and how these plant species affect the ecosystem.
- Used camera traps to monitor animal movement and identify the species present.
- Learned salamander and aquatic insect species and collected samples in Great Smoky Mountain National Park to analyze stream water quality.

**SCHOLARSHIPS & AWARDS:**

- Chancellor's Leadership Scholarship (2012)
- Eagle Scout (2009)