

Catherine Defa

Oakley, UT | (435) 901-8336 | cd662@cornell.edu | [linkedin.com/in/cate-defa](https://www.linkedin.com/in/cate-defa) | [Portfolio Website](#)

EDUCATION

Cornell University, College of Engineering

Ithaca, NY

Candidate for Bachelor of Science in Operations Research and Engineering

May 2027

- **Activities:** Cornell Electric Vehicles Project Team, CSalt, Women in Computing at Cornell, Cornell UX Design Club
- **Relevant Coursework:** OOP & Data Structures, Multivariable Calculus, Linear Algebra, Probability & Statistics

WORK EXPERIENCE

Cornell Electric Vehicles Project Team

Ithaca, NY

Operations Subteam Member

September 2024-Present

- Responsible for managing alumni relations, and fostering a strong network to support the team's initiatives.
- Oversee the team's website, ensuring a cohesive online presence and supporting branding, outreach, and front-end development goals. Currently working to improve the alumni section to showcase alumni achievements.

AtlasRTX

Park City, UT

Product Delivery Intern

May 2024-August 2024

- Conducted competitive analysis on companies advertising digital web assistants, providing insights to guide strategic improvements and clarify the company's competitive standing.
- Developed a dynamic text chatbot for trade show demonstrations, enabling potential clients to interactively explore AtlasRTX's offerings, boosting engagement, and generating interest in the product.
- Established the framework for an enhanced validation tool to streamline client data verification in XML format, ensuring data integrity and accelerating the onboarding process.

Park City CAPS

Park City, UT

Web Development Intern

August 2022-December 2022

- Designed and developed a website for a local recycling center as part of a semester-long project, utilizing HTML, CSS, and GitHub to create an accessible, user-friendly platform.
- Held weekly consultations with the client to align on design requirements, provide updates, and ensure the project met their evolving needs.

LEADERSHIP EXPERIENCE

CSalt

Ithaca, NY

Community Connections Lead

August 2024-Present

- Lead outreach initiatives to raise community awareness about marine energy, including organizing guest speaker events open to CSalt members and the wider Cornell community.
- Develop and manage media content for CSalt's social platforms to strengthen campus presence and engage students in sustainability topics.

Kimball Art Center

Park City, UT

Kimball Arts Festival Volunteer Coordinator

August 2022-August 2024

- Managed 250+ volunteers for a 3-day art festival, handling pre- and post-festival activities, volunteer orientation, and daily operations of the volunteer lounge to ensure a positive experience for both volunteers and artists.
- Coordinated event preparation and served as a contact between the KAC and the National Honor Society, promoting volunteer opportunities and fostering student involvement.

SKILLS & INTERESTS

Skills: Python (Intermediate), Java (Intermediate), HTML (Novice), CSS (Novice), Google Suite, Microsoft 365

Interests: Wheel-Thrown Pottery, Downhill Skiing, Photography, Graphic Design, Spending Time with My Three Dogs