Cate Defa

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EDUCATION

Cornell University   **Ithaca, NY**
Intended Major: Operations Research and Engineering in the College of Engineering   *May 2027*
- **Activities:** Cornell Electric Vehicles Project Team, CSalt, Women in Computing at Cornell, and Cornell UX Design Club
- **Relevant Coursework:** OOP & Data Structures, Multivariable Calculus, Linear Algebra, and 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 Co-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 & Regular Volunteer   *August 2018–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: Java (Intermediate), Python (Intermediate), HTML (Beginner), CSS (Beginner), Microsoft 365, Google Suite
Interests: Wheel-Thrown Pottery, Downhill Skiing, Photography, Graphic Design, Spending Time with My Three Dogs