

Annabel Edwards

annabeledwards7@gmail.com • annabel-edwards.com • (773) 540-3046

Education

Northwestern University - Evanston, IL, June 2024

Bachelor of Arts in Computer Science and Environmental Policy and Culture

Relevant Coursework: Climate Law and Policy, Machine Learning, Climate Geoengineering, Integral Calculus, Linear Algebra

Honors: *magna cum laude* (GPA: 3.95/4.00); Dean's List 11/11 quarters; Environmental Policy and Culture Certificate of Honor

Activities: Northwestern University Sailing Team - Captain; Associated Student Government - Sustainability and Energy Efficiency; Northwestern Computer Science Peer Mentor - Introduction to Artificial Intelligence; Wildhacks - Technology Team

Professional Experience

EcoDataLab, Berkeley, CA

Climate Modeling and Data Analyst, September 2025 - February 2026

- Authored environmental impact assessment and policy recommendations for affordable housing development proposal in Monterey County, CA.
- Designed and Implemented a policy modeling dashboard using React.js, enabling clients to simulate consumer emission reduction scenarios (e.g., electricity consumption changes) with configurable parameters including target years, rates of change, and trajectory curves (S-curve vs. linear).
- Developed data visualizations translating complex USEEIO and LODES datasets into actionable insights for municipal decision-makers across policy, economic, and industry domains.

Capgemini, Chicago, IL

Technical Program Lead, March 2025 - June 2025

- Promoted to technical lead after six months; led team of 12 developers managing 60+ concurrent tasks across data recovery and automation workstreams for major insurance client.
- Facilitated cross-functional alignment through daily standups and delivered weekly VP presentations quantifying financial impact for executive decision-making.
- Reduced recovery ticket backlog by 47% (75 to 40 tickets) in 3 months.

Software Engineer, September 2024 - March 2025

- Developed internal accelerator tool to allow users to complete actions in bulk using work queue; utilized Gosu (internal Guidewire language), Java, Query API, and SQL for database operations
- Presented tool to client and secured approval for production deployment, saving 15+ hours weekly in processing time.

Atrium Energy, Remote

Software Engineer Intern, July 2024 - September 2024

- Implemented ACH debit transfer using the Sila API, executing queries in Postman and integrating them into a Python application to streamline payment processing for Atrium's clients.

P33, Chicago, Illinois

Founders Intern, June 2023 - August 2023

- Supported the Founders team in working directly with local startup founders to help build their businesses, make key connections, and navigate resources across Chicago's tech ecosystem, with a focus on women and BIPOC-led ventures.

Climate Change Research Group, Evanston, Illinois

Research Assistant, June 2022 - August 2022

- Developed Python-based carbon emission projection models for the Chicago metropolitan area.
- Conducted scenario analysis modeling environmental impact of electric vehicle adoption on regional emissions.
- Applied statistical methods and data visualization techniques to communicate findings.

Technical Skills

Programming Languages: Python, JavaScript, TypeScript, SQL, C/C++, Java, HTML/CSS

Frameworks/Libraries: React.js, Next.js, Node.js, Django, Flask, NumPy, pandas, sklearn, GraphQL, Apollo Client

Platforms/Tools: AWS, Azure, Git, Postman, Microsoft Excel