

Jacob Howard

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EDUCATION

Bates College, Lewiston, ME

Expected Graduation May 2026

- **Major:** Environmental Economics; **Minor:** Rhetoric, Film and Screen Studies; **GPA:** 3.6/4.0
- **Relevant Coursework:** Electric Grids, Energy Econ, Environmental Econ, Intermediate Micro, Programming for Data Analysis and Visualization, Intro to Computing/Programming, Biostatistics, Environmental Ethics, Sustainable Cities, Environmental Research Methods, Evolutionary + Ecological Bio, Calculus, Disturbance Ecology
- **Research:** Conducted senior research thesis on future of American offshore wind energy focusing on environmental and economic impacts of increased integration of offshore wind turbines into the New England power grid.

PROFESSIONAL EXPERIENCE

POWER Engineers, Freeport, ME

Summer

2024

Environmental Analyst Intern

- Collected and organized field data as part of the environmental permitting process for the New England Clean Energy Corridor, a proposed HVDC transmission line to deliver up to 1,200 MW renewable energy to New England.
- Analyzed data for solar projects in Maine to determine optimal tree heights and panel sizes.
- Collaborated with and relayed key project information to diverse team of engineers, consultants, construction workers, and contractors through analysis of complex field notes for renewable energy projects.

Columbia Sportswear, Portland, OR

Winter 2023

Job Shadow

- Shadowed senior director of global supply and learned about culture of Columbia Sportswear.
- Connected with corporate-responsibility team, gaining perspective on sustainability and energy consumption in industry.

Tencent WeStart HK, Hong Kong SA

Summer

2023

Business Development and Marketing Intern

- Assisted with guiding startups through COVID government funding support.
- Managed all media development including social media, website and email marketing.
- Conducted research on prospective startups and wrote analytical reports on digital trends to scout out potential clients.

Studio SOHO, London, UK

Summer 2022

Environmental and Design Intern

- Assisted with the development of a new environmentally sustainable fashion line.
- Researched potential fabrics and methods for limited environmental impacts.
- Implemented new online contact filing system for all clients through Excel.

UCapture, Lewiston, ME

2024 - Present

Campus Representative

- Assist in marketing unique green-tech platform that combats climate change when users shop online through commissions that fund carbon offset projects.

Bates College, Lewiston, ME

2024 - Present

Information Technology Assistant

- Develop customer service skills and interface with clients remotely and in person.
- Learn essential skills to assist students and faculty with a variety of technological issues.

LEADERSHIP ACTIVITIES

Bates College Photography Club, Lewiston, ME

2024 - Present

President

- Coordinate and plan adventure shoots, organize meetings for tutorials, and manage all social media.

A Cappella – Manic Optimists, Lewiston, ME

2023- Present

Vice-President, Treasurer, Social Media Manager, First and Second Tenor

- Lead rehearsals of 18 group members by teaching 4 different voice parts.
- Organize tours across the northeast United States and manage finances in Excel.
- Record performances, promote media content, and produce studio albums to be released on all media platforms.

Bates College Budgets Committee Board, Lewiston, ME

2023 - 2025

Board Member

- Allocated \$180,000 across all student clubs and regulated correct itemization and spending.

SKILLS/LANGUAGES

Skills: Proficient in Python, R, Latex, Excel, Microsoft Office, ArcGIS, WordPress, Adobe Lightroom and Photoshop

Languages: Fluent in English, Mandarin, and Cantonese