

# NIVALE BAXENDELL

[nb103@wellesley.edu](mailto:nb103@wellesley.edu) | [www.linkedin.com/in/nivale-baxendell-167339295](https://www.linkedin.com/in/nivale-baxendell-167339295)

(757) 779-3415

## EDUCATION

Wellesley College | Wellesley, MA

- *Expected graduation year: 2027*
- *Double major in Computer Science and Geosciences*
- *Current GPA: 3.94*
- *Relevant Coursework: Computing for the Socio-Techno Web, Computer Programming and Problem Solving, Data Structures, Human-Computer Interaction*

Granby High School | Norfolk, VA

- *Graduation year: 2022*
- *International Baccalaureate (IB) Diploma Programme at Granby High School*
- *GPA: 5.130*

## WORK & RESEARCH EXPERIENCE

Undergraduate Student Summer Researcher, Department of Geosciences | Wellesley College

*May 2024 - August 2024*

- Sampled from sediment cores from Sluice Pond and Walden Pond to characterize grain size and associated long-term environmental changes since the deglaciation of New England.
- Used chemical digestion methods in a lab setting to break down organic material in sediments.
- Worked with instruments such as Laser Diffraction Particle Size Analyzers (LDPSA) and organic elemental analyzers as well as their associated software.
- Used MATLAB software to construct age models for lake sediment cores and QGIS software to create bathymetric maps.
- Presented findings through a technical abstract and poster, showcasing research methods and results.

Resident Assistant | Wellesley College

*August 2024- present*

- Serve as a peer mentor and resource for undergraduate students, fostering a positive residential living environment.
- Plan and execute weekly community-building events, with a personal focus and speciality in developing holistic wellness.
- Enforce college policy and mediate interpersonal conflict to maintain a radically inclusive living space.

Equipment Desk Assistant at Knapp Media and Technology Center | Wellesley College

*September 2023 - present*

- Conduct training, maintenance, inventory, and troubleshooting on audiovisual and technological equipment.
- Circulate audio-visual and production equipment to student and faculty patrons.
- Serve as the first point of contact for visitors, answer questions, make appropriate referrals, promptly answer emails and phone calls.

Media Assistant at Academy for Discovery at Lakewood | Norfolk, VA

*March 2023 - June 2023*

- Assisted elementary and middle-school students with independent use of print and technological resources in a library setting.
- Led educational group activities with students using print resources.

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- Gained thorough working knowledge of library sciences and library classification systems.

## LEADERSHIP POSITIONS

Match Secretary for Wellesley College Rugby Football Club | Wellesley, MA

*December 2023 - present*

- Acted as liaison between the team and Wellesley club sports administration as well as New England Wide Collegiate Rugby Conference administration
- Coordinated and scheduled all rugby matches with opposing college teams, ensuring a balanced and competitive season schedule.
- Managed logistics for venues, transportation, and accommodation for both home and away games, ensuring all logistical needs were met efficiently.
- Served as the primary point of contact for other teams' match secretaries, coaches, and referees to confirm match details and logistics.

## ACTIVITIES & ACCOMPLISHMENTS

- National Outdoor Leadership School Alaska Backpacking Course Graduate: 2021
- Appalachian Trail Thru-Hiker: 2022

## SKILLS

Technical:

- *Programming:* Java, Python, Javascript, HTML, CSS, MATLAB, Git
- *Geographic Information Systems:* QGIS, ArcGIS
- *Design:* Adobe Suite, Figma

Language: Professional Working Proficiency in Spanish