

Cadence Russell

cadence.russell@daemen.edu

EDUCATION

Bachelor of Science in Natural Science

Expected: 05/2025

Environmental Science Specialization

Minors: Biology, Chemistry, History, & Sustainability

Daemen University, Amherst, NY

GPA: 3.976/4.0, Dean's List Recipient

RELEVANT EXPERIENCE

Research Assistant- James Madison University U-ROCKS, Harrisonburg, VA

05/2024-07/2024

- Completed an independent research project funded by the NSF
- Utilized ArcGIS and R for automated sinkhole mapping
- Presented original research at conferences

Daemen University, Amherst, NY

09/2023-Present

Academic Coach (Organic Chemistry, Physics)

- Administer learning methods to optimize student understanding
- Create additional worksheets and study material to ensure student comprehension
- Facilitate one-on-one and group teaching for students weekly

Great Barrier Reef - Fitzroy Island, Australia

02/2023-07/2023

Field Researcher

- Collected data on potential bleaching events and coral color
- Collected data on reef diversity and key species
- Reported data to the Queensland government

LAB EXPERIENCE

HF/Clean Lab; Evolutionary Biology; Environmental Chemistry; Physics II; Contemporary Chemical Analysis; Physics I; Organic Chemistry II; Organic Chemistry I; Ecology; Chemistry II; Biology II; Chemistry I; Biology I

TECHNICAL SKILLS

Lab: Microscope slide preparation, palynomorph extraction, R, CONISS, SPSS, Tilia, ArcGIS Pro, Logger Pro

Computer: Microsoft Office Programs – Word, Excel, PowerPoint; Adobe Creative Cloud - Lightroom, Photoshop, Premiere Pro

Language: Proficient in English, elementary in ASL

PROFESSIONAL AFFILIATIONS

Geological Society of America, Student Member

09/2024-Present

Buffalo Geological Society, Active Member

02/2024-Present

National Technical Assistance Center On Transition The Collaborative

- Active Member

01/2021-Present

- Youth Engagement Transition Initiative, Founding Member

01/2021-Present

PROFESSIONAL DEVELOPMENT

Keynote Speaker, Annual Daemen University Scholarship Gala - Amherst, NY	10/2024
Attendee, The Youth Engagement Summit - Pittsburgh, PA	01/2025, 09/2023
Keynote Speaker, Capacity Building Institute - Charlotte, NC	05/2023
• <i>Back Together To Build Together</i> with Valerie Williams & Carol Dobak	
Presenter, OCALICONLINE - Columbus, OH	11/2022
• <i>Strategies for Meaningful Youth: Young Adult Engagement on State and Local Teams</i>	
Attendee, The Capacity Building Virtual Institute - Charlotte, NC	05/2022
• Created a welcome video for all participants to showcase a day-by-day breakdown and conference overview	

HONORS

Sabatino Scholarship	05/2023
1st Place Honors Contract, Honors Program	04/2023
2nd Place Honors Contract, Honors Program	04/2022, 04/2024
Dean's List Recipient, 8/8 semesters	12/2021-Present
Daemen University Trustee Scholarship Recipient	05/2021-Present

COLLEGE INVOLVEMENT

Delta Alpha Pi International Honor Society	03/2023-Present
Diversity Ambassador, Lead (08/2024-Present)	08/2022-Present
Beta Beta Beta Biological Honor Society, Vice-President (2022-2023, 2024-2025)	04/2022-Present
Environmental Club, President	03/2022-Present
<i>Insight</i> Student Newspaper, Editor-in-Chief (09/2023-Present)	08/2021-Present
Honors Program	08/2021-Present
Pride Alliance, Secretary	08/2022-05/2023

WORK EXPERIENCE

Daemen University, Amherst, NY	
Diversity Ambassador, Center for Diversity and Inclusion	08/2022-Present
• Promote diversity and inclusion on campus through programs • Plan campus-wide events • Create educational programming on diversity and inclusion	
Flying Fish Swim Academy, Dripping Springs, TX	05/2021-05/2024
Swim Coach & Deck Captain	
• Teach children ages 2+ swim and water safety skills • Manage classes, skills, and safety as a deck coach	
Tiger Splash Swim Team, Dripping Springs, TX	05/2021-08/2021
Assistant Coach	
• Organized and ran practices for summer league swim • Taught swimmers from ages 6-18	

