

Adria Retter

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EDUCATION

Bachelor of Arts (B.A.) - Computer Science, Mathematics

Sep 2019 - May 2023

Swarthmore College, Swarthmore, PA

Master of Science (B.A.) – Software Engineering

Jan 2024 – May 2025

Villanova University, Villanova, PA

EXPERIENCE

Advisor

Jun 2023 - Aug 2023

Beyond Akeela, Milton, MA

- Supported campers through social activities and independent day trips.
- Co-led curriculum sessions sports activities to 30-40 campers.
- Conducted 1:1 mentoring with campers.

Student Researcher

May 2022 - Sep 2022

Swarthmore College Mathematics Department, Swarthmore, PA

Graph Theory summer research project completed with Professor Carolyn Reinhart and two fellow Swarthmore students. Tabulated and proved throttling number of graphs which represented states in the game "Cops & Robbers."

Resident Advisor

Aug 2021 - May 2023

Swarthmore College Housing, Swarthmore, PA

- Built community by implementing educational and social programs.
- Responded to room transfers, incident reports, and maintenance requests.
- Implemented and enforced university and campus housing policies.

Student Researcher

May 2021 - Sep 2021

Swarthmore College Mathematics Department, Swarthmore, PA

Knot Theory summer research project completed with Professor Tom Crawford. Proved tiling number of mathematical knots up to 7-crossings on rhombille tiles.

Lead Fellow

Sep 2020 - May 2023

Swarthmore College Writing Program, Swarthmore

- Developed curriculum and ran training for new tutors
- Co-authored year-end report, analyzing Writing Center usage data
- Hosted classroom workshops regarding presentation best practices

SKILLS

Python, C++, C#, SQL, HTML/CSS, JavaScript, Git