

OLIVIA POLSKY

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Education

Cornell University

B.S. Mechanical Engineering

Ithaca, NY

Anticipated Graduation: 2028

Pelham Memorial High School

Pelham, NY

Awards and Honors:

Graduation: June 2024

AP Scholar, High Honor Roll, National Honor Society, The President's Award for Outstanding Academic

Excellence, UAlbany Multicultural High School Scholars Award, Rensselaer Polytechnic Math and Science Award

Experience

Concrete Canoe Project Team

Ithaca, NY

Mix Subteam Member

Fall 2024- Present

- Developed a concrete mix that is lightweight, durable, and sustainable for the ASCE Concrete Canoe Competition

Cornell University Visitor Relations

Ithaca, NY

Information Specialist/Tour Guide

Spring 2025 - Present

- Provide front-line campus communications: lead tours, handle tour check-ins and visitor support, and operate the university switchboard to direct callers quickly and accurately.

Longford's Ice Cream

Larchmont, NY

Shift Lead

Summer 2022- Present

- Open and close the store, count and restock inventory, cash out the registers and prove sales

New York Athletic Club

Pelham, NY

Tennis Instructor

Summer 2022 - Present

- Hands-on sports instruction, work directly with children to enhance tennis skills
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Research

Department of Psychology

University of Illinois, Urbana-Champaign

Research Intern

2022

- Performed research with Dr. Brent Roberts on the analysis personality traits and social emotional behavioral skills

Pelham Memorial High School

Pelham, NY

Independent Researcher

2024

- Used 1,5-Diazabicyclo[4.3.0]non-5-ene to extract cellulose from coffee filters for use in textile fibers; Developed and carried out methods, analyzed results

Research Awards

- Somers Science Fair in Behavioral Sciences, 1st Place *2022*
 - Behavioral Science Westchester Science & Engineering Fair, 4th Place *2023*
 - Visionary Engineering Award presented by IBM *2024*
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Community Service

Letters for Rose

2020 - Present

- Chapter head and founder of the Pelham Letters for Rose organization chapter.
- Founded during Covid with the mission to write and collect letters and deliver them to the elderly who live in nursing homes, when they are sequestered; Oversee and coordinate all letter collections and delivery.

National Charity League (NCL), Westchester, NY

2022 - Present

- NCL Member Recognition Chair in 2022, NCL Secretary in 2023.
- Fulfilled 100+ philanthropy hours working with myriad charities and organizations.

New York City Book Drives

2022 - 2024

- Spearheaded and hand-distributed over 4,000 surplus books from the NCL Book Drive to seed a New York City charter school in Queens and PS 9 in the Bronx of which had outdated and irrelevant library books.
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Additional Information

Skills and Interests: Python, JASP/SPSS, Field Hockey, Tennis, Crocheting, Guitar, Sewing, Drawing, Painting

