

Carolyn He

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[Carolyn He LinkedIn](#)

Self-advocating, efficient, and diligent individual with a passion for helping others. Eager to apply skills and dedication to garner real-world experience - always looking for opportunities to grow both professionally and personally!

VOLUNTEER WORK

Randolph Library, Randolph NJ — Teen Advisory Board Member

JUNE 2021 - PRESENT

- Passionate and dedicated volunteer with 202 hours logged
- Consistent contributor to library's social media pages
- Ample experience with helping young children
- Experience managing front desk & in client service

CASA of Essex County, Newark NJ — Volunteer Advocate

MARCH 2022 - PRESENT

- Database organizer (content creation) with the objective of raising awareness about the foster care system
- Research & infographics published on the official CASA of Essex website!

Self-employed, Randolph NJ — Tutor Program Supervisor

JUNE 2022 - PRESENT

- Developer and coordinator of student-organized free tutoring program
- Held at community library in collaboration with 15+ student tutors
- Personally have tutored over 10 students of various backgrounds & ages

EngineerGirl, Rockaway NJ — EngineerGirl Ambassador

DECEMBER 2022 - PRESENT

- Collaborated on a project to introduce underprivileged girls to STEM, with training and support from the National Academy of Engineering (NAE) and industry engineers
- Have designed engaging and accessible STEM activities, increasing consistent attendance to 15 girls

The Coder School, Short Hills NJ — Intern

AUGUST 2022 - AUGUST 2022

- 60+ hours devoted during summer programs as a supervisor and mentor to future programmers, specifically young girls
- Discovered role as a "vessel for empowerment"
- Managed front desk (received phone calls, settled payments, etc.)

Interfaith Food Pantry Network, Morris Plains NJ — Teen Council

JULY 2021 - AUGUST 2021

- 12+ hours dedicated to volunteer work and advocacy
- Teen advocate for food-insecurity and sustainable food consumption awareness in community

EDUCATION

AWARDS AND HONORS

High Honor Roll throughout academic career, 104 / 4.2 GPA

Honored with 2021 Presidential Award and 2022 Excelsior Award for lustrous academic record

Recognized with United Way Varsity Volunteer Certificate for dedication in community service

Recipient of Alex Detore Memorial Award for the show of goodwill towards others

AP Scholar with Distinction Award - 3 or higher on 3 or more exams

Elected Vice President of the 2025 class at Morris Hills High School and currently serving as SGA board member

Elected Servant Leader Co-Lead during participation in Torch Leadership Academy

Scholastic Writing Awards Honorable Mention for piece "Trauma on the Playground: A Collection of Memoirs"

Roots & Shoots Grant Recipient for A Sustainable Future

EXTRACURRICULARS

WiSTEM Chapter Ambassador and National Advisory Council Member

Girl Up NJ Coalition Board Research Director, ambassador for The Pad Project

Speech and Debate - State-Ranked in Impromptu and Original Oratory

Founder of Student-Led Environmental Initiative "A Sustainable Future"

Project Green Schools National Youth Council Member

Staff Writer & Social Media Director of 'Hilltopper' school newspaper

HOPE (Public Service) Club - Senior Record Keeping Officer

Academy for Mathematics, Science, and Engineering, Rockaway NJ — *High School*

SEPTEMBER 2021 - ONGOING

- Student of rigorous & prestigious vocational STEM program; 104 GPA
- Highly motivated and decorated student, many classroom leadership roles

Hua Xia Chinese School, Parsippany NJ — *Seal of biliteracy*

SEPTEMBER 2012 - MAY 2022

- 10+ years of extensively learning mandarin and Chinese culture, including AP Chinese course
- Full-year project manager in 8th grade; teacher's assistant from 10th grade onward

Calderone School of Music, East Hanover NJ — *Music Study*

SEPTEMBER 2013 - JUNE 2021

- Piano soloist in-training for 10 years
- Recipient of numerous musical accolades, with high honors received from the Music Educators Associations

RELEVANT COURSEWORK

AP Physics I - 100% grade average; 5 on AP Exam

AP Computer Science Principles - 100% grade average; 5 (AP)

Math Analysis I Honors - 98% grade average

Math Analysis II Honors - 99% grade average

AP Chinese Language and Culture - completed; 5 on AP Exam

AP Chemistry - 98% grade average

AP Statistics - 100% grade average

ACADEMIC EXPERIENCE

Capstone Project - study co-lead, author of research paper, primary presenter on SDG #12 - Sustainable Consumption + Production

Team Lead of Junior Academy and 1000 Girls 1000 Futures

- recruited & led international team of 6 in researching DeFi; scheduled meetings and deliverables

Founder of A Sustainable Future - study lead on [A Sustainable Future](#) research, presenter & advocator on sustainable paper consumption

Collegiate Research Assistant- "[A Recurrence of Vulnerabilities within Decentralized Finance: Analyzing Notorious DeFi Network Exploits and Deriving Implications for the Future](#)" with Dr. Yaoqing Liu, first-author manuscript to be published in IEEE Journal

Inspirit AI Scholar & Ambassador - developer of [cancer detection AI model](#)

MIT Beaver Institute Medlytics Program - completed, independent study

Harvard Alpha Scholars - [Accepted](#) into prestigious & rigorous research program

Student Leader as Project LEAD member

Fencing - Varsity

SKILLS

Chinese & English - **EXPERT**

Math, Reading, Writing - **EXPERT**

Digital Design / CAD - **EXPERT**

Software Proficiency - **EXPERT**

Research Skills - **ADVANCED**

Programming (Python) - **PROFICIENT**

Data Analysis - **PROFICIENT**

Collaboration - **EXPERT**

Communication - **EXPERT**

Customer Service - **ADVANCED**

Leadership - **EXPERT**

Multitasking - **EXPERT**

Organization - **EXPERT**

Time Management - **EXPERT**

Work Ethic - **EXPERT**

AVAILABILITY

Unavailable Mon-Fri between 8 am - 4 pm during school terms. Available Sat-Sun 9 am - 5 pm