

Milan Gogolin

Education

High School for Math, Science and Engineering at CCNY

Enrolled in a STEM-focused selective high school

Cumulative GPA: 99.80

BSEP Research Scholar

Learning advanced biology/biomedical course in a hospital setting

Practicing lab techniques such as pipetting, photospectrometry, and electrophoresis

Work and Volunteer Experience

Laboratory Intern

David Sachs Lab at Mount Sinai

- Maintain cell samples by replacing media using electronic pipette
- Designed and constructed miniature microscope for lab-specific application
- Cast and treat gel microfluidic chips for cell growth

July 7 - August 15 2025
12:30 - 2:50 on school days
2025-26

Basketball Coach

Dribbl Basketball

- Organize activities to develop teamwork and cooperation among students
- Demonstrate skills and give one-on-one tips to foster growth and improvement
- Encourage active participation, listening, and positive behavior

August 2023 and
Sundays to present

Tutor for HSMSE Discovery Program

- Illustrated problem-solving techniques for a three-student group in a math seminar
- Explained and led students through evidence-based arguments during English seminars
- Offered advice whenever needed and encouraged self-advocacy

June 26 - July 7 2023

Tennis and Pickleball Coach

Sag Harbor Tennis & Pickleball

- Taught racket games and techniques to young campers
- Assisted adult clients in tennis and pickleball clinics and answered phone calls
- Maintained courts through sweeping, lining, weeding, and trash cleanup

August 23 - September 2024
August 17 to September 2025

Activities and Awards

Varsity basketball captain: Played varsity basketball since sophomore year, led the team in warm-ups and drills as a captain, communicated with referees during games

10 hours a week
winter season

Varsity volleyball: Played games and practiced with the varsity volleyball team starting sophomore year

10 hours a week
spring season

Natural History Museum Research Symposium: Presented a poster for my laboratory

MIT Individual Merit: Scored on the test for an MIT engineering competition

National German Exam Gold: Scored a 99% on level 2 and 3 tests

National Recognition Award: CollegeBoard award for “outstanding academic achievement”

National Merit Scholar Finalist: Awarded based on PSAT score

Additional Skills

Technical Skills: CAD modeling, photo and video editing, in-depth research, slideshow and spreadsheet creation

Language Skills: Fluent in German