

Kacper M. Kowalski

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EDUCATION:

Cornell University

Date of Graduation: May 2028

Civil Engineering

Relevant Coursework: Multivariable Calculus for Engineers, Introductory Biology: Cell and Developmental Biology, Introduction to Computing: A Design and Development Perspective, Physics Mechanics & Heat

Ithaca, NY

Francis Lewis High School

Date of Graduation: June 2024

GPA: 4.0

Flushing, NY

EXTRACURRICULARS:

Shawmut Design and Construction Shadowing

Gained first hand experience walking through multiple Barclay's Center projects

Manhattan, NY

(July. 2025 - Aug. 2025)

Observed mentors work on project management, estimating, -
scheduling, and virtual construction/BIM

Manhattan College Virtual Research Internship

Work with programming software: Matlab

Bronx, NY

(July 2023 - Jan. 2024)

Developed code that determines enzyme mechanisms

Organize raw data and order rate constants

ACE Mentor Program of America, Team 14

Learned what it's like to work in the design and -
construction industry and understand common mathematical practices

Manhattan, NY

(Nov. 2023 - June 2024)

Received training in presentation and public speaking skills

Present final project to 200 mentors, teachers and leaders from the A/C/E industry

The Manhattan College Summer Program in Engineering and Science

Educated on ethics of science, contemporary issues in scientific inquiry, -
data collection and analysis, and research practices

Bronx, NY

(July 2023)

Collaborated with many students to present in front of professors

Developed collaborative and communicative skills

Francis Lewis Science Olympiad Club

Build captain and active earth science team member

Fresh Meadows, NY

(Oct. 2022 - March 2024)

Provide students with educational resources (cheat sheets, wikis, videos) and host fundraisers

Develop teaching and leadership skills

Francis Lewis Boys Varsity Cross Country and Track and Field

Captain and ranked 10th in Queens Cross Country

Fresh Meadows, NY

(March 2022- June 2024)

Recruited students and organized fundraisers for equipment

Taught me how to cooperate and be a team player

EXPERIENCE:

YMCA, Senior Camp Counselor

Developed lesson plans and educated students (ages 7-9) across various subjects

Jamaica, NY

(June 2025 - Aug. 2025)

Established a safe and inclusive learning environment for students with special needs

Common Point Queens Central Food Pantry, Volunteer

Prepared and packed meals for the community three hours every Saturday

Forest Hills, NY

(Dec. 2022- May 2023)

ADDITIONAL SKILLS

Bilingual in Polish (Attended Polish School for 6 consecutive years)

Experience with at-home hemodialysis

AutoCAD, Matlab, C++, Java, and Python Experience