

Kacper M. Kowalski

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EDUCATION:

Cornell University

Ithaca, NY

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

Francis Lewis High School

Flushing, NY

Date of Graduation: June 2024

GPA: 4.0

EXTRACURRICULARS:

Shawmut Design and Construction Shadowing

Manhattan, NY

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

(July. 2025 - Aug. 2025)

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

Manhattan College Virtual Research Internship

Bronx, NY

Work with programming software: Matlab

(July 2023 - Jan. 2024)

Developed code that determines enzyme mechanisms

Organize raw data and order rate constants

ACE Mentor Program of America, Team 14

Manhattan, NY

Learned what it's like to work in the design and -

(Nov. 2023 - June 2024)

construction industry and understand common mathematical practices

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

Bronx, NY

Educated on ethics of science, contemporary issues in scientific inquiry, -

(July 2023)

data collection and analysis, and research practices

Collaborated with many students to present in front of professors

Developed collaborative and communicative skills

Francis Lewis Science Olympiad Club

Fresh Meadows, NY

Build captain and active earth science team member

(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

Fresh Meadows, NY

Captain and ranked 10th in Queens Cross Country

(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

Jamaica, NY

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

(June 2025 - Aug. 2025)

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

Common Point Queens Central Food Pantry, Volunteer

Forest Hills, NY

Prepared and packed meals for the community three hours every Saturday

(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