

# 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