

CAELEY POWELL

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• Chardon, OH, 44024

OBJECTIVE

To obtain an environmental engineering cooperative education position for Spring 2027

EDUCATION

The University of Toledo – Toledo, OH

Bachelor of Science in Environmental Engineering,

August 2024 to Present

Business Minor: Entrepreneurship, Family, & Small Business

August 2024 to Present

• Anticipated Graduation Date: December 2028

• Cumulative Grade Point Average: 3.62

TECHNICAL SKILLS

• PCSWMM, H&H Modeling, ArcGIS Pro, AutoCAD, Civil3D, VBA, RScript, Microsoft Office

ENGINEERING EXPERIENCE

Cleveland Cliffs, Rockport, IN

Environmental Engineering Co-op

May 2026 to Present

• Developed projects focused on wastewater systems, compliance, and process optimization by creating a site-wide process water map and living document of chemical storage tanks

*Led research project on beneficial reuse strategies for wastewater treatment sludge

R₂O Consulting LLC, Greater Cleveland, OH

Water Resource Engineering Co-op

May 2025 to August 2025

• Supported hydrologic and hydraulic modeling with PCSWMM, VBA, ArcGIS Pro, RScript, led website redesign and contributed to environmental engineering deliverables.

Mercury Plastics LLC, Middlefield, OH

Engineering and Science Intern

June 2024 to January 2025

• Supported EHS operations at a plastic extrusion facility through SWPPP development, equipment auditing, SolidWorks design, and cross-departmental collaboration with Quality and Engineering teams.

Biosolutions LLC, Chagrin Falls, OH

Lab Assistant Intern

June 2023 to August 2023

• Used biological sampling and chemical testing to make evaluations of water supply: BOD, microbiology, hardness, and conductivity

*Led research project on groundwater filtration systems for drinking water

EXPERIENCE

University of Toledo Civil and Environmental Engineering Department, Toledo, OH

Departmental Assistant

January 2026 to May 2026

• Support recruitment, retention, and outreach by creating social media content, coordinating events, leading tours, and strengthening student, alumni, and industry engagement across the Department.

HONORS/AWARDS

• Dean's List Student (Spring 2026, Fall 2025, Summer 2025, Spring 2025, & Fall 2024 semesters)

• University of Toledo, Honor's Award Scholarship Recipient (August 2024)

• Township Delegate, World Affairs Seminar (May 2023)

• Chosen Artwork in the Ohio Statehouse (Oct. 2022)

INVOLVEMENT

• Professional Development Chair, Roy and Marcia Arnes Engineering Leadership Institute (May 2025 – Present)

• UESI Survey Team, American Society of Civil Engineers, Toledo Student Chapter (September 2024 - Present)

• Proposal Review Lead, Green University of Toledo Organization (September 2024 – Present)

• Photographer/Journalist, Juice House STEM Newspaper (September 2024 - Present)

SHADOWING OPPORTUNITIES | High School (2023 – 2024)

• Sought out professional shadowing experiences across six environmental organizations to explore the field firsthand prior to pursuing engineering: *B&J Environmental, ODNR Communications/H2Ohio, NEO EPA, Kinetico, AquaDoc, NEORS*