

# Michael Spehalski

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## EDUCATION

Montclair State University, Master of Business Administration May 2026

University of Delaware, Bachelor of Construction Engineering and Management May 2024

## EXPERIENCE

**Dynamic Engineering Consultants, LLC** Chester, NJ  
Design Engineer (Full Time) June 2024 - January 2025  
Assistant Design Engineer (Intern) December 2021 - February 2022

- Assessed and implemented stakeholder needs in a client facing environment.
- Expedited project approvals through streamlined communication with municipal, county, SCD, NJDEP, NJDOT, DRCC, and utility agencies.
- Executed site design, stormwater design, grading design, zoning compliance, lighting plans, vehicle circulation plans, site inspections, and in-depth property due diligence.
- Designed and optimized detailed CAD layouts and full site plans for warehouse complexes, data centers, residential developments, and commercial mixed-use projects, ensuring full regulatory compliance.
- Prepared and submitted stormwater operation and maintenance manuals, environmental impact statements, engineering letters, RFIs, and all submittals and transmittals, with heavy focus on accuracy and timely project approvals.

**Gilbane Building Company** Newark, NJ  
Construction Intern II (Pre-Construction, Estimating, and Field) June 2022 - August 2023

- Supported on-site efficiency through consistent communication with project stakeholders and contractors during both pre-construction and project execution by overseeing material/productivity tracking, RFI's, submittals, and transmittals.
- Facilitated the creation of thorough bid packages by maintaining ongoing correspondence with subcontractors and suppliers, guaranteeing accuracy in bids and adherence to project timelines on projects ranging \$15M - \$1B.

## EXTRACURRICULAR ACTIVITIES

**Engineers Without Borders, University of Delaware** Newark, DE  
Project Manager, Executive Board Member, Lead Researcher September 2020 - May 2022

- Spearheaded a research team exploring the implementation of Microbial Fuel cells in a developing nation, showcasing strong leadership (selected as a Freshman) by guiding research, prototyping, procedure development, team mentorship, and acting as an organizational spokesperson at the annual Benefit Dinner.

**Sigma Phi Delta, Professional Engineering Fraternity** 2021-2024

- Executive Board Member, Standards of Excellence Chair, Academic Advisor, Intramural Sports Chair, Airband Chair (Fundraising Competition Event)

**Summer STEM Fellows, University of Delaware** Wilmington, DE  
Educator, Researcher June 2021 - August 2021

- Instructed middle school students in engineering principles through informal education, collaborated with educational professionals to enhance STEM learning, and presented at the Undergraduate Research Symposium.

## CREDENTIALS AND PROFICIENCIES

- LEED Accredited Professional (Building Design + Construction), LEED Green Rater, OSHA-30.
- Strong ability to quickly adapt to and master new software with in-depth experience in Revit, AutoCAD (Civil 3D), Primavera P6, Bluebeam Revu, Procure, Sketchup, Inventor, Hydraflow, HydroCAD, GeoWeb, ArcGIS.
- Skills in estimating, scheduling, technical writing, effective communication, and sustainable design knowledge.
- Passionate about AI solutions, leadership in sustainability, and innovation through prototyping.
- Ecolink Scholarship recipient for sustainability essay.