

Kevin J Nally, EIT, LEED GA

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Structural EIT
Philadelphia, PA

EDUCATION

Drexel University College of Engineering

Bachelor of Science in Architectural Engineering - Structural Concentration, Art History Minor

September 2021 – June 2026

GPA 3.4

Villanova University College of Engineering

Master of Science in Civil Engineering - Structural Concentration

August 2026 – Present

Coursework : Structural Analysis, Advanced Steel Design, Reinforced Concrete Design, Wood and Timber Design, Construction Materials, Soil Mechanics, Dynamics, BIM in Construction, System Balances & Design, Mechanics of Materials

PROFESSIONAL EXPERIENCE

Mulhern & Kulp

Structural Engineer

September 2024 – August 2025 (Co-op), August 2026 - Present (Full-time)

Ambler, PA

- Analyzing and designing structural systems for new construction residential projects using AutoCAD and Revit to produce detailed engineering solutions and drawings, ensuring full compliance with local and state building codes
- Performing comprehensive gravity load tracing from roof to foundation, optimizing the sizing of wood studs, posts, and bearing walls to ensure efficient and safe material usage
- Calculating lateral wind and seismic loads in accordance with ASCE 7 and local building codes to determine required shear wall capacities for multi-story residential structures
- Producing comprehensive foundation and framing plans, structural cross-sections, and elevation drawings to provide clear, actionable instructions for residential contractors
- Conducting internal quality control reviews of framing plans and structural calculations to verify accuracy, consistency, and alignment with firm design standards prior to final delivery

EwingCole

Structural Engineer Co-op

September 2023 – March 2024

Philadelphia, PA

- Developed structural models in Revit for large-scale developments, proactively resolving spatial conflicts through direct coordination with architectural and MEP disciplines
- Optimized steel and concrete designs with RAM SS and RAM Connection, performing detailed calculations based on demand loads
- Performed Life Cycle Assessments (LCA) via Tally to quantify and reduce embodied carbon across structural materials, directly supporting the firm's SE 2050 sustainability commitments

Klein & Hoffman

Architectural Engineer Co-op

September 2022 – March 2023

Philadelphia, PA

- Generated detailed AutoCAD drawing sets for facade restorations and structural remediation, with a focus on the preservation of historic and commercial architecture
- Participated in on-site investigations to assess building conditions, document deterioration, and identify structural failures
- Authored condition assessment reports detailing structural vulnerabilities, providing repair methodologies, and outlining accurate cost estimates for client review

RESEARCH & PROJECTS

VIP Research Team – Circular Cities: Building Material Stocks and Flows

Drexel University

April 2025 – June 2026

Philadelphia, PA

- Investigated circular economy strategies for urban infrastructure in the Philadelphia area and developed a database of building material stocks and flows with LCA data and machine learning algorithms to support sustainable demolition and construction

Senior Design Project - Mass Timber Affordable Housing Development in North Philadelphia

Drexel University

September 2025 – June 2026

Philadelphia, PA

- Designed the structural system for a nine-story mixed-use development consisting of a mass timber superstructure above a reinforced concrete podium. Utilized SAP2000, Revit, and WoodWorks Sizer to design mass timber and concrete components.

SKILLS & CERTIFICATIONS

Software AutoCAD, Revit, RAM Structural Systems, RAM Connection, RAM Elements, SAP2000, Tally, Navisworks, Forma, SketchUp, ArcGIS, Bluebeam, WoodWorks Sizer

Certifications Engineer-in-Training (EIT) Certification, USGBC LEED Green Associate, OSHA 10-Hour