

Kyle Dunn

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TECHNICAL SKILLS

Software: RAM Structural System, ETABS, STAAD.Pro, Revit, Bluebeam Revu, Microsoft Excel, AutoCAD, MASTAN2, MATLAB, Microsoft Office, Siemens NX

Engineering: Structural Analysis, Reinforced Concrete Design, Soil Mechanics, Foundation Engineering

Career Interests: Structural Design • Bridge Engineering • Transportation Infrastructure • Buildings • Project Management

CERTIFICATIONS

OSHA 10-Hour Construction Safety Certification

ACI Concrete Field Testing Technician – Grade I

ICC Structural Masonry Special Inspector

Nuclear Density Gauge Radiation Safety Certification, APNGA / U.S. DOT Hazmat

Fundamentals of Engineering (**FE Civil**) Exam

Scheduled October 2026

EXPERIENCE

Ysrael A. Seinuk, P.C., New York, NY

Structural Engineering Intern

May 2026 – August 2026

- Assisted with structural analysis, framing modeling, steel member sizing, and design development under the supervision of licensed structural engineers.
- Prepared design calculations, technical documentation, and markups to support structural analysis, shop drawing reviews, and multidisciplinary coordination.
- Performed structural steel shop drawing reviews to verify member sizes, connections, framing layouts, and compliance with contract documents and design requirements.
- Reviewed framing plans, shop drawings, RFIs, column schedules, and structural details to verify consistency between design documents and fabricated components.
- Developed and modified structural framing models using RAM Structural System for existing and proposed building structures.
- Used Bluebeam Revu to review and mark up structural drawings, compare drawing revisions, and coordinate design changes with engineering documentation and shop drawings.

Municipal Testing Laboratories Inc., Hauppauge, NY

Special Inspector / Materials Testing Technician

July 2023 – Present

- Performed inspections of structural elements including reinforced concrete, masonry, structural steel, fireproofing, and soil in accordance with NYC Building Code, project specifications, and applicable ASTM/ACI standards.
- Interpreted structural drawings, shop drawings, and project specifications to verify field construction aligns with approved contract documents and design intent.
- Evaluated reinforcement placement, masonry construction, grout placement, concrete operations, and structural steel conditions for compliance with structural requirements.
- Conducted materials testing in compliance with ASTM standards, including concrete sampling (**ASTM C31**), compressive strength testing (**ASTM C39**), and soil compaction testing using nuclear density gauge (**ASTM D6938**).
- Observed and documented discrepancies between field conditions and structural drawings, communicating findings to contractors, site supervisors, engineers, and project teams.
- Prepared detailed inspection reports documenting structural components, material performance, field conditions, and compliance status.
- Supported commercial, institutional, healthcare, educational, and transportation infrastructure projects throughout the New York metropolitan area.

Hofstra University Makerspace, Hempstead, NY

Lab Technician & Former Acting Co-Director

Feb 2024 – Present

- Support engineering students and faculty with design and fabrication projects utilizing CNC machining, 3D printing, laser cutting, and related manufacturing technologies.
- Manage equipment, train users, and maintain the safe and efficient operation of the School of Engineering Makerspace.

EDUCATION

Hofstra University, Hempstead, NY

December 2026

Bachelor of Science in Civil Engineering — Minor in Mathematics

Provost's List, Dean's List

Relevant Coursework: Structural Analysis I-II, Reinforced Concrete Design, Transportation Eng., Hydrology and Hydraulics

LEADERSHIP AND INVOLVEMENT

Campus Tour Guide/Student Ambassador

American Society of Civil Engineers (ASCE) – Member

Engineers in Action – Member

Robotics Club – Founding Engineering Chair