

EDUCATION

2013 **Bachelor of Science, Civil Engineering**
Worcester Polytechnic Institute, Worcester, MA

EXPERIENCE

Engineering Design & Testing Corp. Hartford, Connecticut

*January 2021
to Present*

Consulting Engineer

Specialized consulting with an emphasis on cause, scope, and value of damage to structural systems, including commercial, industrial, and residential structures, as well as construction losses. Types of damage include, but are not limited to, wind, flood, fire, impact, moisture intrusion, and foundation settlement.

*March 2020
to December 2020*

Engineer-in-Training

Specialized consulting, under the charge of a licensed Professional Engineer, with an emphasis on cause, scope, and value of damage to structural systems, including commercial, industrial, and residential structures, as well as construction losses. Types of damage include, but are not limited to, wind, flood, fire, impact, moisture intrusion, and foundation settlement.

*July 2019
to December 2019*

On Point Construction Services, LLC Hamden, CT

Project Coordinator

Developed baseline schedules for heavy civil and building projects up to \$50 million in value. Provided monthly schedule updates to report project progress to the project owner. Conducted forensic schedule analysis and developed time impact analysis to resolve construction delay claims.

*January 2018
to June 2018*

MJ Daly, LLC Waterbury, CT

Design Technician

Designed wet and dry fire sprinkler systems for new and existing construction to NFPA and FM Standards. Coordinated design locations of fire sprinkler equipment with other trades including the use of 3D modeling and clash detection. Assisted Project Managers with product submittals, change orders, and project site meetings.

January 2016
to January 2018

K&M Fire Protection Services, Inc.
Plantsville, CT

Design Technician

Designed wet and dry fire sprinkler systems for new and existing construction to NFPA and FM Standards. Coordinated design locations of fire sprinkler equipment with other trades including the use of 3D modeling and clash detection. Assisted Project Managers with product submittals, change orders, and project site meetings. Coordinated the design and supply of FM-200 Clean Agent Systems by a sub-subcontractor.

May 2012
to January 2016

General Electric (Formerly ALSTOM Power)
Windsor, CT

Mechanical Design Engineer

Designed power piping to ASME and EN Standards, and structural steel to AISC and EN Standards for new contract execution, proposals, research and development, and service contracts. Evaluated and improved existing export packaging frames and lifting steel according to ASME standards. Served as the Boiler Piping Design Lead on the Ashalim Plot B Solar Thermal Power Station.

November 2007
to January 2009

Bradshaw Building and Design
Somerset, MA

Carpenter's Assistant

Assisted Carpenter/General Contractor in the execution of his daily duties including framing, exterior finishes, and interior finishes of residential construction.

REGISTRATIONS and CERTIFICATIONS

Registered Professional Engineer in Connecticut (#32490)
Registered Professional Engineer in Maine (#16848)
Registered Professional Engineer in Massachusetts (#56198)
Registered Professional Engineer in New Hampshire (#16711)
Registered Professional Engineer in Ohio (#86473)
Registered Professional Engineer in Pennsylvania (#92055)
Registered Professional Engineer in Rhode Island (#13822)
Registered Professional Engineer in Vermont (#134879)

PROFESSIONAL ORGANIZATIONS

American Society of Civil Engineers (ASCE)
– Structural Engineering Institute (SEI)

CONTINUING EDUCATION

2021 “Lateral Load Path Basics: Tracing a Wind Load Through a Wood Framed Structure”;
Webinar sponsored by APA

"Fire Investigations & NFPA921: An Education for Engineers"; Webinar sponsored by EDT

"Hailstone-Impact Damage to Asphalt Shingle Roof Coverings"; Webinar presented to EDT

"Hurricane Damage: Storm Surge vs. Wind vs. Wind-Driven Rain"; Webinar sponsored by EDT

"Rooftop Solar Arrays: A Civil/Structural Perspective"; Webinar sponsored by EDT

"Blast-Related Damage Evaluation of Residential Structures"; Webinar sponsored by EDT

"Fire Alarm Systems"; Webinar sponsored by EDT

"Failure Analysis of Threaded Fasteners"; Webinar sponsored by EDT