



4215 Campus Drive
Aurora, IL 60504

ANTONIO J. DOMEL, M.S.
STAFF CONSULTANT

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Specializes in forensic inspections, evaluations, and redesigns of damaged structures. Has performed structural condition and damage assessments for numerous structures, including buildings damaged by fire, tornadoes, and snow. Conducted research on buildings affected by high wind speeds. Has academic experience in earthquake resistant design and foundation engineering.

Areas of Specialization

Engineering Analysis

Structural Design

Structural Failure Analysis

Damage Repair Engineering

Education

M.S., Structural Engineering, Stanford University, Stanford, California, 2018

B.S., Civil Engineering, University of Illinois, Urbana-Champaign, Illinois, 2017

Licensed Professional Engineer Intern

State of Illinois, License No. 061-039251

Professional Affiliations

Structural Engineering Association of Illinois

Member

American Concrete Institute

Member

American Society of Civil Engineers

Member

January 2021



Honors and Awards

Illinois Asphalt Pavement Association (IAPA) scholarship winner

Training and Certification

OSHA 10-Hour Training Certification

OSHA 30-Hour Training Certification

Assistant Certified Welding Inspector (CAWI) - American Welding Society

Certified Structural Masonry Special Inspector - International Code Council

Certified Structural Concrete Special Inspector - International Code Council

Positions Held

Engineering Systems Inc., Aurora, Illinois

Staff Consultant, 2018 – Present

Wiss, Janney, Elstner Associates, Inc., Northbrook, Illinois

Structural Engineer Intern, Summer 2017

Leopardo Companies Inc., Hoffman Estates, Illinois

Project Engineer Intern, Summer 2016

University of Illinois, Champaign, Illinois

Lab Assistant for GE 101: Engineering Graphics & Design, Fall 2015

Engineering Systems Inc., Aurora, Illinois

Structural Engineering Intern, Summer 2015

W. C. Doland Engineering, Inc., Palatine, Illinois

Construction Field Technician, Summer 2013/2014

Teaching and Technical Presentations

“Structural Design of Steel Beams”, Guest Lecturer – Structural Design II, Judson University, 2018

“Design Loads on Structures During Construction”, Guest Lecturer – Site Operations and Construction Safety (CAE 472), Illinois Institute of Technology, 2019