

EDUCATION

2012 **Bachelor of Science, Civil Engineering**
Auburn University, Auburn, AL

EXPERIENCE

September 2020 **Engineering Design & Testing Corp.**
to Present **Birmingham, AL**

Consulting Engineer

Assessment of residential and commercial structural systems, foundation settlement, structural supports, roofs, property loss, construction defects, building code compliance, water intrusion, interior and exterior finishes, and storm damage. Evaluation of structural building components including concrete, masonry, steel, timber, and composite structural members. Root cause investigation and damage assessment of incidents affecting residential and commercial property, including scope of damage, remediation analysis, and cost estimation.

March 2019 **Fox Equipment, Inc.**
to September 2020 **Green Cove Springs, FL**

Director of Operations, PE

Organized and optimized daily operations of engineering, drafting, and project management with consistent on-time delivery using Entrepreneurial Operating System tools. Solely in charge of all high-profile client projects. Interviewed, hired, and trained engineers and project managers. Conducted regular meetings with other management and operation teams to ensure streamline communication.

April 2018 **Industrial Environmental Systems, Inc.**
to March 2019 **Opelika, AL**

Director of Engineering, PE

Responsible for all design and fabrication projects from conception through delivery. Reviewed and supervised other project engineer's deliverables. Functioned as primary point of contact for high-profile clients by addressing concerns and providing quick, accurate solutions.

May 2012 **Industrial Environmental Systems, Inc.**
to April 2018 **Opelika, AL**

Project Engineer, EIT

Assisted licensed engineers in the design of structural towers, steel chimneys, steel ductwork and tuned mass dampers. Responsible for projects from conception through delivery including design, drafting, fabrication, and

delivery. Oversaw quality assurance programs to ensure product design conformance.

July 2007
to May 2012

Industrial Environmental Systems, Inc.
Opelika, AL

Engineer Assistant/Student

Assisted engineers with 2D & 3D drafting of steel chimneys and structural towers using AutoCAD software. Assisted in weight takeoffs and pricing procurement. Developed custom software in VBA to analyze steel chimneys.

REGISTRATIONS and CERTIFICATIONS

Registered Professional Engineer in Alabama (#37575)

Registered Professional Engineer in Arkansas (#19826)

Registered Professional Engineer in Florida (#87258)

Registered Professional Engineer in Georgia (#PE046476)

Registered Professional Engineer in Kentucky (#36117)

Registered Professional Engineer in Louisiana (#45047)

Registered Professional Engineer in Mississippi (#31380)

Registered Professional Engineer in Tennessee (#124528)

National Council of Examiners for Engineers and Surveying Record (#13-495-64)

Level 1 "Authorized Person" Roof Specific Rope Access Technician, 2021

Confined Space Entry

Adult First Aid/CPR/AED Certified

PROFESSIONAL ORGANIZATIONS

American Society of Civil Engineers (ASCE)

National Council of Structural Engineers Association (NCSEA)

LECTURES & PUBLICATIONS

"Hurricane Damage: Storm Surge vs. Wind vs. Wind-driven Rain." Lecture, Birmingham, AL, February 9, 2021.

"Crawl Space Inspections." The Stress Point, July 22, 2021,
www.edtengineers.com/blog-post/crawl-space-inspections.

CONTINUING EDUCATION

- 2022 *Technical Issues Regarding Premise Liability Matter*, Engineering Design & Testing Corp., Columbia District Office
- 2022 *Construction Defects*, Engineering Design & Testing Corp., Oakland District Office
- 2022 *Creative Engineering 101*, Engineering Design & Testing Corp., Birmingham District Office
- 2021 *Hailstones – Impact Damage to Asphalt Shingle Roof Coverings*, Engineering Design & Testing Corp., New England District Office
- 2021 *Blast-Related Damage Evaluation of Residential Structures*, Engineering Design & Testing Corp., Charlotte District Office
- 2021 *Finite Element Analysis and It's Use in Legal Consulting*, Engineering Design & Testing Corp., Columbia District Office
- 2021 *Failure Analysis of Threaded Fasteners*, Engineering Design & Testing Corp., Mid-Atlantic Office
- 2021 *Ethics for Structural Engineers*, PDH Library, Online
- 2020 *Professionalism & Ethics*, LA Professional Engineering & Land Surveying Board; Baton Rouge, LA
- 2020 *Seismic Evaluation of Welded Designs*, Failure & Damage Analysis, Inc; Houston, TX
- 2019 *Standards of Practice for Surveying*, AL Board for Engineers & Land Surveyors; Montgomery, AL
- 2019 *ASCE How to Review a Lift Plan*, American Society of Civil Engineers; Reston, VA