

Faisal Alghamdi, Ph.D., MSCE

EDUCATION

University of Central Florida | Florida, USA

Doctorate, Civil Engineering
Master's Degree, Civil Engineering (Construction Management)

Florida Tech University | Florida, USA

Master's Degree, Civil Engineering (Structures)

Edith Cowan University | Perth, Australia

Bachelor's Degree, Engineering Science

Jeddah College of Technology | Jeddah, Saudi Arabia

Associate's Degree, Civil Engineering

EXPERIENCE

Technical Consultant | Pete Fowler Construction Services, Inc. 2024 – Present

In his role as a building consultant at Pete Fowler Construction, Faisal serves as a technical consultant, evaluating and testing physical building performance, examining enormous volumes of project documentation, making repair recommendations, estimating project costs, tendering projects for bid, and rendering professional opinions that aid in moving projects to conclusion.

Forensic Structural Expert | Allied Engineering 2022 - 2024

A construction consultant leveraging extensive engineering expertise to offer valuable building insights to clients. This included construction cost analysis, structural damage assessments, origin and cause investigations, and other litigation support.

Construction Site Supervisor | Structural Technologies 2011 - 2013

Supervised onsite personnel and subcontractors for structural rehabilitation and concrete repair projects, including the rehabilitation of bridges, tunnels, and historical buildings. Played a key role in ensuring the successful execution of projects.

LICENSES & CERTIFICATIONS

LEED Green Associate | Green Business Certification Inc. (GBCI)

LANGUAGES

Arabic – Native or Bilingual Proficiency

English – Full Professional Proficiency

ASSOCIATIONS & AFFILIATIONS

American Society of Civil Engineers (ASCE)

Structural Engineering Institute (SEI)

U.S. Green Building Council (USGBC)

International Society of Sustainability Professionals (ISSP)

American Society for Testing and Materials (ASTM)

American Concrete Institute (ACI)

SUBJECT MATTER EXPERTISE

- Allocation of Responsibility
- Assessment & Analysis
- Building Codes & Standards
- Building Envelope Failures
- Building Performance Evaluation
- Concrete Work
- Construction Consultant
- Construction Defects, Claims & Quality
- Construction Quality Assurance
- Design-Build Projects
- Desktop Review
- Federal Report Writing
- Origin & Cause Investigations
- Property Condition Assessments
- Property Inspection & Testing
- Restoration
- Scope of Repair Estimating
- Water Damage

