



**Salman Abdullah  
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### OBJECTIVE

To leverage my academic expertise as an Assistant Professor specializing in structural engineering, integrating advanced theoretical knowledge with hands-on experience to drive innovative projects and impactful research. I aim to contribute to the advancement of the field through teaching, research, and collaboration, continuously enhancing my skills within a challenging and dynamic environment.

### DESIGN CODES

- AISC 15<sup>th</sup> Ed.
- ACI 318-19
- AASTHO
- PCI Design Handbook
- AISI

### TECHINICAL SKILLS

- SAP 2000
- Abaqus
- STAAD Pro
- ETABS
- Python

### HONORS AND AWARDS

- CE Dept Graduate student of the month – Spring 2023

- Chancellor Honor's list 2010

### COMMITTEES

- Student member of ASCE, PCI, and ACI.
- The officer of the Structural Civil Engineers at Kansas State University.

### EDUCATION

- PhD in Structural Engineering **Fall 2022 – Summer 2024**  
Kansas State University - Manhattan, Kansas.  
CGPA: 4.00/ 4.00
- MS in Structural Engineering **Spring 2019 – Summer 2020**  
University of Dayton, Dayton, Ohio, United States.  
CGPA: 3.93/ 4.00
- BSc in Civil Engineering **Fall 2010- Spring 2015**  
Al-Baha University, Al-Baha, Saudi Arabia  
CGPA: 3.92/4.00

### PUBLICATIONS

1. Alshamrani, Salman, et al. "Seismic flexural behavior of CFRP strengthened reinforced concrete beams secured with fiber anchors." *Engineering Structures* 305 (2024): 117728.
2. Alshamrani, Salman, et al. "Modeling Cyclic Response of CFRP Strengthened Fiber Anchored RC Frame Members to Failure." *Special Publication* 360 (2024): 423-441.
3. Alshamrani, Salman. "Behavior of reinforced concrete beams strengthened with anchored FRP sheets under cyclic load reversals." (2024).

### EXPERIENCE:

#### University of Bisha

Assistance professor

**Bisha, Saudi Arabia**

**November 2024 - present**

#### Kansas State University

Graduate Research Assistant

**Manhattan, KS**

**August 2022- August 2024**

#### George Washington University

Student Academic Assistant

**Washington, DC**

**August 2020- August 2022**

#### University of Dayton

Student Office Assistant at EIP

**Dayton, Ohio**

**October 2019- May 2020**

#### University of Bisha

Teaching Assistance

**Bisha, Saudi Arabia**

**January 2016- November 2024**

## RELEVANT ACADEMIC PROJECTS

- **CE6202 Methods of Structural Analysis:** Numerical and analytical solutions of a transmitting tower (truss structure) located in NYC for structural deflections, member forces and reactions using Stiffness Matrix method in Mathcad and using STAAD Pro.
- **CE833 Advanced Structural Analysis II:** Developed complete software using python to predict the flexural behaviors of RC beams strengthened with carbon-fiber. The software is currently under processing and is to be released in the market soon.