

Civil & Environmental Engineering Department
University of South Florida, Tampa, FL
Email: omidsouri@usf.edu

LinkedIn: <https://www.linkedin.com/in/omid-souri-4325aa23a>

EDUCATION

- ❖ **Master of Science – Civil Engineering (Structural Engineering)** 2020 – 2022
Sharif University Of Technology, Tehran, Iran

Thesis Title: Introduction of Concentric Braced Frame Equipped with BRB & YE (yielding element) and Quantification of Seismic Performance Factors Based on FEMA-P695
GPA: 17.00/20 (3.77/4-According to WES)
Related Courses: Structural Reliability and Probabilistic Modeling, Finite Elements, Vibration of Structures, Stability of Structures, Structural Control, Advanced Engineering Mathematics, Theory of Elasticity I

- ❖ **Bachelor of Science – Civil Engineering** 2016 – 2020
Bu-Ali Sina University, Hamadan, Iran
GPA: 16.63/20 (3.48/4-According to WES)

RESEARCH INTERESTS

- Numerical modeling and analysis of structures, including steel and concrete buildings, and bridges
- Experimental studies on the behavior of structures and structural components and materials
- Reliability, risk, and safety assessment of structural systems

PUBLICATIONS

Souri, O., Mofid, M., Seismic evaluation of concentrically braced steel frames equipped with yielding elements and BRBs. *Results in Engineering* (2023) ;17:100853.
<https://doi.org/10.1016/j.rineng.2022.100853>

HONORS & AWARDS

- Recognized as an outstanding graduate student to receive an \$8000 University Graduate Fellowship, UGF, for 2023/2024 academic year, University of South Florida 2023
- Full fellowship for the master tuition waiver, Sharif University of Technology 2020
- Ranked 57th among approximately 15,000 participants in the national graduate university entrance exam 2020
- Ranked 1st, achieving the highest GPA among 51 civil engineering undergraduate students 2020
- Full fellowship for the bachelor tuition waiver, Bu-Ali Sina University 2016

PROJECTS

- Reliability analysis of a high-rise building equipped with BRBs and yielding elements using Rtx
- Modeling and verification of a 2D concrete gravity dam as a plane stress model in Abaqus and Matlab
- Quality control and construction supervision of two 8-story concrete residential buildings, KTH Co., Hamedan, Iran

Reinforced concrete structures project

Steel structures project

SOFTWARE & COMPUTER SKILLS

Engineering

OpenSees
Abaqus
SAP2000
Rtx
AutoCAD
Civil 3D

Skills

Matlab
Python
Data Science (Machine Learning)
Microsoft Office (Word, Excel, PowerPoint)

TEST SCORES

TOEFL: 102/120 (Reading: 30, Listening: 26, Speaking: 20, Writing: 26)

GRE: 337/340 (Verbal: 167, Quantitative: 170, Analytical Writing: 4)

TEACHING EXPERIENCES

Teaching Structural Analysis course to M.S. prospective students for the national graduate university entrance exam 2020 – 2022

Teaching Fluid Mechanics course to M.S. prospective students for the national graduate university entrance exam 2020 – 2022

Teaching Assistant of Structural Analysis course, Bu-Ali Sina University, Hamadan, Iran 2018
Course teacher: **Mahdi Bayat**

Teaching Mathematics and Physics courses to B.S. prospective students for the national undergraduate university entrance exam 2016 – 2017

OTHER EXPERIENCES

Structural engineering summer trainee at KTH Co., Hamadan, Iran 2019

The head of the civil engineering scientific association, Bu-Ali Sina University 2018-2019

REFERENCES

Dr. Zachary B. Haber

Civil & Environmental Engineering Department
University of South Florida, Tampa, FL
Email: zacharyhaber@usf.edu

Prof. Massood Mofid

Department of Civil Engineering
Sharif University of Technology, Tehran, Iran
Email: mofid@sharif.edu

Dr. Mahdireza Yarigarravesh

Department of Civil Engineering
Sharif University of Technology, Tehran, Iran
Email: mahdi.yarigar@sharif.edu