

Contact

www.linkedin.com/in/dangolsharad
(LinkedIn)

Top Skills

Structural Dynamics
Finite Element Analysis
Numerical Simulation

Languages

Hindi
Nepali
English

Publications

Effect of Vertical Acceleration
on Dry Storage Casks' Seismic
Performance

Sliding and Rocking of Free
Standing Dry Storage Casks under
Earthquake Excitation

Shaking Table Experiments of Dry
Storage Casks

Experimental Seismic Response of
Scaled Storage Containments under
Identical Loading Conditions.

Experimental Dynamic Response of
Free-Standing Bodies under Near
Field and Far Field Ground Motions

Sharad Dangol

Project Engineer at Martin/Martin, Inc
Vallejo, California, United States

Summary

Aspiring structural engineer with more than six years of diversified professional and academic structural knowledge. Skilled in Structural Engineering, Structural Dynamics, Earthquake Engineering, Finite Element Analysis, Numerical Modelling.

Skilled in computer programs like: SAP2000, AutoCAD, MATLAB, ABAQUS, LS-DYNA, Maple, SolidWorks, Microsoft Excel, etc. Strong research professional with a Doctor of Philosophy (PhD) focused in Structural Engineering from University of Utah.

Experience

Martin/Martin, Inc
2 years 4 months

Project Engineer
March 2023 - Present (8 months)
Larkspur, California, United States

Professional Engineer
July 2021 - March 2023 (1 year 9 months)

Dunn Associates, Inc.
4 years

Project Engineer
June 2019 - June 2021 (2 years 1 month)

Engineer In Training
July 2017 - June 2019 (2 years)

University of Utah
5 years 2 months

Graduate Research Assistant
January 2013 - June 2017 (4 years 6 months)
Salt Lake City, UT

Seismic analysis and numerical modeling of ISFS (Dry Storage Casks, DSCs)

TA

August 2012 - December 2012 (5 months)

Working as a TA for Structural Analysis I

RA

May 2012 - August 2012 (4 months)

Working on a research about High Strength, Alloy steel Cast Connector.

Universtiy of Utah

TA

August 2011 - May 2012 (10 months)

Was a Teaching Assistant for two semesters, Structural Engineering I and Geotechnical Engineering I for undergrad students.

As Research Assistant, I am working on a high strength, Alloy steel cast connector

Hydro Solutions Engineering Consultant

Structural Design Engineer

January 2011 - July 2011 (7 months)

Design Engineer

Education

University of Utah

Doctor of Philosophy (PhD), Structural Engineering · (2013 - 2017)

University of Utah

MS, Structural Enigneering · (2011 - 2013)

Institute of Engineering, Tribhuwan University

Bachelor's degree, Civil Engineering · (2005 - 2010)