

Contact

www.linkedin.com/in/karan-goyal-20bb30ab (LinkedIn)

Top Skills

Finite Element Analysis (FEA)

ANSYS

Python (Programming Language)

Certifications

Foundations of Artificial Intelligence and Machine Learning

Karan Goyal

Solid Mechanics | Experimental Mechanics
United States

Summary

Experimental Mechanics | Mechanical Engineering | Solid Mechanics | Finite Element Analysis

Experience

Corning Incorporated
Development Engineer
May 2022 - Present (1 year)
Corning, New York, United States

University of Wisconsin-Madison
2 years 5 months

Graduate Research Assistant
January 2021 - May 2022 (1 year 5 months)
Madison, Wisconsin, United States

Mechanical characterization of 3D printed - titanium alloy - continuum materials and lattice materials.

- Exploring mechanical properties through experiments: Cosserat Elasticity, Viscoelastic damping and elastic wave propagation
- Working with BVS and RUS
- Testing and Analysis

Graduate Teaching Assistant
January 2020 - December 2020 (1 year)
Madison, Wisconsin, United States

Courses: EMA 201 - Statics and MSE 362 - Materials Laboratory III

Indian Institute of Technology, Hyderabad
Project Associate
May 2019 - December 2019 (8 months)
Hyderabad Area, India

Diagnostics of CFRP composites using machine learning algorithms.

VA TECH WABAG LTD.

Engineer

July 2016 - July 2018 (2 years 1 month)

India

Selection, application, and procurement of mechanical equipments

Larsen and Toubro - Power

Engineering Intern

June 2014 - July 2014 (2 months)

Surat, Gujarat, India

Education

University of Wisconsin-Madison

Master of Science - MS, Engineering Mechanics · (2020 - 2022)

National Institute of Technology Karnataka

Bachelor of Technology - BTech, Mechanical Engineering · (2012 - 2016)