

Contact

www.linkedin.com/in/pejman-honarmandi-a669ab166 (LinkedIn)

Top Skills

Bayesian Uncertainty Quantification
Bayesian Optimization
Programming in Matlab/Fortran/
Python

Honors-Awards

Travel Award
Department 1st Rank Award
Article Awards
Honored by Being an Active and
Effective Member of the Executive
Committee
MSEN Best Ph.D. Dissertation
Award

Publications

A Differential Evaporation Model
to Predict Chemistry Change of
Additively Manufactured Metals
Bayesian Calibration of a Physical
Model for Plastic Flow Behavior of
Trip Steels
Bayesian probabilistic prediction of
precipitation behavior in Ni-Ti shape
memory alloys
A Top-Down Characterization of NiTi
Single-Crystal Inelastic Properties
within Confidence Bounds through
Bayesian Inference
Using Bayesian framework to
calibrate a physically based model
describing strain-stress behavior of
TRIP steels

Pejman Honarmandi

Machine Learning Research Scientist
Painted Post, New York, United States

Experience

Corning Incorporated
Machine Learning Research Scientist
October 2022 - Present (7 months)
Corning, New York, United States

Texas A&M University
7 years 8 months
Postdoctoral Researcher
September 2019 - August 2022 (3 years)
United States

Graduate Research Assistant
January 2015 - August 2019 (4 years 8 months)
Bryan/College Station, Texas Area

Department of Materials Science and Engineering, Texas A&M
University
Mentoring in Research Experiences for Undergraduates (REU)
Program
May 2017 - August 2017 (4 months)
Bryan/College Station, Texas Area

Behineh Negasht
Energy Auditor
April 2011 - June 2011 (3 months)
Tehran, Iran

Industrial Pioneers Farayand
Research Intern
July 2005 - September 2005 (3 months)
Tehran, Iran

Farassan
Research Intern
January 2005 - June 2005 (6 months)

Tehran, Iran

Education

Texas A&M University

Doctor of Philosophy - PhD, Materials Science & Engineering · (2014 - 2019)

K. N. Toosi University of Technology

Master's degree, Materials Science and Engineering · (2006 - 2009)

Sharif University of Technology

Bachelor's degree, Materials Science and Engineering · (2001 - 2006)