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(LinkedIn)
webpages.iust.ac.ir/d_borzuei/
(Personal)
sepidarco.com/about/ (Company)

Top Skills

Mechatronics
Computational Fluid Dynamics
(CFD)
Two-phase Flow

Languages

English (Limited Working)
Persian (Native or Bilingual)
Arabic (Limited Working)

Certifications

Winner of the Festival of
Research and Innovation in Urban
Management
Certificate of oral presentation of
conference paper

Publications

On the Performance Enhancement
of the Three-Blade Savonius Wind
Turbine Implementing Opening
Valve

Influence of Corrugation Size and
Location on Sensitivity Enhancement
for MEMS-Based Pressure Sensor

Investigating the dependence
of energy prices and economic
growth rates with emphasis on the
development of renewable energy
for sustainable development in Iran

Stress, sensitivity and frequency
analysis of the corrugated diaphragm
for different corrugation structures

Energy, exergy, environmental
and economic analysis of the
parabolic solar collector with life

Daryoosh Borzuei

Ph.D. Student in Mechanical Engineering at IUST
Tehran

Summary

Ph.D. student in Mechanical Engineering, energy conversion major, interested in research in the field of modeling and optimization of renewable energy systems (especially solar, wind, and biomass systems), also economic and environmental analysis of energy systems

Experience

Arka Fanavaran Misagh
CEO of Arka Fanavaran Misagh
December 2019 - Present (2 years 5 months)
Tehran, Iran

Facility maintenance, Human resource supply, endoscopyLandscaping

Sepidarco
Manager
April 2016 - Present (6 years 1 month)
Tehran Province, Iran

Heating, ventilation, and air conditioning (HVAC) company,
www.sepidarco.com

MultiPhase Fluid Flow and Heat Transfer Research Center
Laboratory Research Assistant
February 2016 - Present (6 years 3 months)
sbu

Education

Iran University of Science and Technology
Doctor of Philosophy - PhD, Mechanical Engineering · (2020 - 2024)

Iran University of Science and Technology
Master of Science - MS, Energy Systems Engineering · (2018 - 2020)

cycle assessment for different
climate conditions

Shahid Beheshti University

Bachelor of Engineering - BE, Mechanical Engineering · (2015 - 2018)

Salam High School

Diploma, Mathematics and Physics