

School of Mechanical Engineering,
Iran University of Science and Technology (Elm-o-Sanat),
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Nima Bahrami
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Research Interests

- Renewable Energies
- Energy Economics
- Smart Energy Management
- Blockchain Based Energy Networks Energy Systems Optimization

Education

Diploma in Mathematics and Physics Discipline, Prof. Reza Highschool, Rasht, Iran, GPA - 19.18/20.

B.Sc., Mechanical Engineering, University of Guilan, Rasht, Iran, GPA - 15.19/20.

M.Sc., Mechanical Engineering, Energy Conversion, Energy Systems, Iran University of Science and Technology, Tehran, Iran. GPA - 16.49/20

Selected Courses: Fuel and Combustion (19.5/20), Energy Systems (19.25/20), Seminar (19.75/20)

Publications

In Press

In Press

 N. Bahrami and S. Ghandehariun, Using Machine Learning Algorithms to Predict Water Evaporation of Ponds

In Press

N. Bahrami and S. Ghandehariun, Designing a Multi-Generation Hybrid Power Station for An Ecotourism Residence,

 N. Bahrami and S. Ghandehariun, Waste-Energy Management and Optimization of A Hybrid Power Station Using PCM

Volunteering Activities

• Member of Imam Ali Popular Student Relief Society (IAPSRS)

Teaching Experiences

Jul 2015 Physics, Teacher, Ghalamchi Institution, Rasht, Iran.

Working Experiences

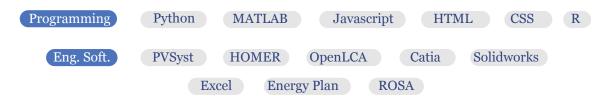


- Radiator Casting and Assembly Section, Iran Radiator Compony, Rasht, Iran
- Guilan NGCC Power Plant, Rasht, Iran
- Hamedan Solar Farm, Hamedan, Iran

Notable Projects

- Designing a Hybrid FPV-Wind-Hydro Power Station, Master's degree thesis,
 Sep. 2019 Present
- Designing a Floating Mechanism for Photovoltaic Panels to Increase Thermal Efficiency, Apr. 2019 - June 2019
- Thermal Design and Analysis of Smart Camera Casing, Padideh Merila Knowledge enterprise, Jan. 2019 Feb. 2019
- Design and Manufacturing 3-DOM Camera Slider for shooting Time- lapse Videography with the ability to focus on an object. Bachelor's degree thesis, Supervisor: Dr. Reza Jamilnia, Feb. 2017 - Aug. 2017

Technical Skills Github Repository



Languages

Persian: nativeEnglish: Fluent

Hobbies

Sports: Soccer, Squash (Pro), Volleyball, Skate (Pro & Gold Medal) Others: Movies, Music, Web Design, Podcasting, Collage Art