

<b>Objective</b>	Research and teaching in renewable energy systems	
<b>Experience</b>	<b>Senior Researcher and Lecturer</b> , FH Technikum Wien • Research and teaching in the department of renewable energy systems and the faculty of industrial engineering.	Feb 2021 - current
	<b>Technical Engineer</b> , VollSOLAR GmbH • Design and development of thermally activated building structures with integrated solar systems in industrial and rural sectors.	Nov 2014 - Jan 2021
	<b>Research Assistant</b> , GrAT @ TU Wien • Product design, development and process optimization of pressed parts for the automotive industry.	Jan 2012 – Jun 2014
	<b>Technical Engineer</b> , Fajr Gostar Novin Co. • Research and teaching in the department of renewable energy systems and the faculty of industrial engineering.	Jan 2004 – Dec 2009
<b>Education</b>	Ph.D. Mechanical Engineering, Vienna University of Technology M.Sc. Industrial Engineering, Sharif University of Technology B.Sc. Mechanical Engineering, Iran University of Science and Technology	2014 2005 1998
<b>Technologies</b>	City Energy Analysis CEA, Polysun, SimaPro, ArchiCAD, Matlab, Office	
<b>Awards</b>	Staatspreis Architektur und Nachhaltigkeit (State Award for Sustainability) as one of the most prestigious prizes in Austria, for the innovative energy design of a thermally activated building combined with heat pumps and solar panels.	2019
<b>Selected Research</b>	Goudarzi S. (2014) <i>Design, construction, monitoring and life cycle assessment of integrated solar systems</i> . PhD dissertation, Vienna University of Technology. DOI: 10.34726/hss.2014.25074 (pdf) Analysis of the costs and environmental effects of integrated solar systems.  Wimmer R., Pokpong C., Eikemeier S., Goudarzi S. et al. (2014) <i>Zero CO<sub>2</sub> Cooler – der Kühlschrank mit Warmwasseranschluss</i> . NEUE ENERGIEN 2020 - Gruppe Angepasste Technologie GrAT. (pdf) Research about a solar fridge that does not emit any carbon dioxide. Funded by the Austrian research promotion agency (FFG).  Wimmer R., Goudarzi S. et al. (2013) <i>Zero Carbon Village - energy autarcic settlement</i> . Building of Tomorrow. (website) Feasibility study for the construction of a self sufficient zero-carbon energy village in Austria. Also held a presentation at the Sustainable Building Conference Graz SBCG for this project about its “Modular prefabrication and sustainable building materials”.  Goudarzi S. et al. (2013) <i>Training of Trainers 2 Handbook</i> . SWITCH Asia - Sustainable and Efficient Industrial Development SEID in Nepal & Bhutan. (website) A guideline for companies to implement appropriate and sustainable technology solutions. Also held a presentation in Bhutan about the “Recourse efficiency and cleaner production”.	