

**Personal Information:**

Name: Sarmin

Family Name: Hamidi

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**Educational Properties:**

Bachelor of Science degree of Applied Chemistry in University of Guilan (2011-2015)

Master of Science degree of Applied Chemistry in University of Tehran (2015-2018)

**Experiences and Skills:**

- Industrial Electrochemistry
- Electrochemical Power Sources (Fuel Cell and Battery)
- Material Chemistry (Synthesis and Corrosion)
- Material Characterizations (Corrosion and Compounds)
- Chemical Design and Process Control
- Chemical simulation, calculation and computation (Gaussian 03w, Material studio, COMSOL, MATLAB)

**Scientific and research Records:**

- Thesis of B.Sc. degree of Applied chemistry at university of guilan in chemistry department with subject of “ *Review of Polymeric and Biopolymeric NanoComposite and BioNanoComposite, cellulose Fibers and Fillers and Polymeric Protein Protection*” (Advisor: Dr.Masoume Abedini)
- Thesis of M.Sc. degree of Applied chemistry at university of Tehran in chemistry department with subject of “*Electrochemical Investigation and Theoretical Study of Inhibition Effect of Synthesized benzohydrazide derivatives on Corrosion of Carbon Steel in Acidic environment*” (Advisor: Dr.Parviz Norouzi, Dr.shirin shahabi and Dr.Alireza Shakeri)
- Research Project on pyrolysis processes and inventor of “*System of KETENE gas Production with designing of Pyrolysis Lamp and Process*” and Investigation of technical note with subject of “*Ketene Production and Utilization Experimental Study With an Improved Apparatus for its Laboratory Preparation*” (Advisor: Dr.Morteza Mehrdad)
- Investigation on “*Design of Electro dialysis Device for use in water refinery*” for scientific association of environmental organization of guilan state.

- Build and Investigation on *"Lead-Acid Battery as electrochemical motive force for Chem-e-car"* (Advisor: Dr.naz chaibakhsh)
- Workshop certificate of *"Introduction to Nanotechnology, Presentation of Importance and Applications in the Industry"* by the Scientific and Industrial Researches of Iran organization.
- Workshop Certificate of *"introduction to nanostructures"* by the nano-center of university of Guilan.

#### **Executive Records:**

- Managing director, member of board of directors and shareholder of particular joint stock company in chemical *"Sorena Shimi Pars (Prochemex)"*.
- Administrator of Interdisciplinary Scientific association *"industry chemical"* at chemistry department, faculty of science, University of Guilan.
- Collaborate in holding of *"Eighth National Student Conference on Mechanical Engineering"* at University of Guilan.
- Collaborate in holding and member of board of directors in *"Second National Student Conference on Chemistry"* at university of Guilan.
- Member of board of directors and collaborate with *"Chemistry Group"* at institute of innovation and technology zarin marlik caspian.
- Member of *"iran chemical society"*
- Member of *"iran corrosion association"*

#### **Other Skills and Interests:**

- Professional freelance photographer and documentary video maker.
- I'm Interested in Watching movie, rock music, reading short story books and football playing.

#### **References:**

- Dr.Morteza Mehrdad, Associate Professor in chemistry department, faculty of science, university of Guilan, [m-mehrdad@guilan.ac.ir](mailto:m-mehrdad@guilan.ac.ir)
- Dr.Parviz Norouzi, professor in chemistry department, faculty of science, university of Tehran, [norouzi@khayam.ut.ac.ir](mailto:norouzi@khayam.ut.ac.ir)
- Dr.Alireza shakeri, Associate Professor in chemistry department, faculty of science, university of Tehran, [alireza.shakeri@ut.ac.ir](mailto:alireza.shakeri@ut.ac.ir)
- Dr.naz chaibakhsh, Assistant Professor in chemistry department, faculty of science, university of Guilan, [nchaibakhsh@guilan.ac.ir](mailto:nchaibakhsh@guilan.ac.ir)
- Dr.shirin shahabi, researcher in excellence institute of electrochemistry, chemistry department, university of Tehran, [shirin.shahabi.sci@gmail.com](mailto:shirin.shahabi.sci@gmail.com)
- Kasra askari, Research assistant in chemistry department, faculty of science, Isfahan university of technology and Chairman of the Board at sorena shimi pars, [kasra.askari1369@gmail.com](mailto:kasra.askari1369@gmail.com)