

Objective

Having successfully achieved a master's degree in Chemical engineering and graduated from the Technion, seeking to obtain a challenging position in chemical engineering in a leading company, where talents and educational experience can be utilized to the fullest.

Education and achievements

(2019-2021) Chemical Engineering M.Sc. at the Chemical Engineering faculty, Technion, Israel.

GPA: 88.1

Chosen Grades: Transport phenomena (fluid flow)- 94
Membranes (Principles and materials)-95

(2015-2019) Chemical Engineering B.Sc. at the Chemical Engineering faculty, Technion, Israel.

GPA: 87.3

Chosen Grades: Chemical engineering principles- 89
Polymers1- 93
Nano-sensors - 91
Thermodynamics2-95
Introduction to chemical reactors- 86

Professional Experience

(2020–2021) Tutor assistant in the following courses at the Technion:

- Separation processes 1M
- Thermodynamics 'A' lab
- Chemical Engineering1 lab

(2018–2019) Lab assistant in the Hydrogen lab at the Chemical engineering faculty, Technion.

Projects

(2020-2021) Research project (M.Sc.): Studying physical properties of lamellar clay nanoparticles as colloids. Focusing on the contribution of pH to the coagulation of these particles.

(2018-2019) Final research project (B.Sc.): Developing a new and more efficient method of extracting electricity from oxygen and hydrogen reactions in Fuel Cells using a silver/silver oxide electrode.

Social and volunteering experience

(2020–2021) Volunteer at Shaghaf volunteering foundation (Provides aid to refugees and vulnerable sectors around the world).

(2013–2018) Volunteer at Alhaq-wal-Islah association. (Financially supports families in need)

(2012–2016) Basketball instructor in Tira.

Skills and Qualifications

Core qualifications: Superior grasp of chemical engineering processes and principles, excellent familiarity with colloids, polymers, nanomaterials, pumps, separation methods, exceptional skills in electron microscopy, spectroscopy, DLS, electrochemical cells, strong laboratory, research, and analytical skills.

Soft skills: Self-learning, high responsibility, well-organized work, ability to work individually and in groups, good communication skills, abstract thinking, leadership, convincing skills.

Technical skills: Microsoft Office, Unisim, Iviom, Blender, Simulink (basics), Mathematica, Originlab.

Programming Languages: MATLAB, C, Python (basic knowledge).

Languages

Arabic: Mother tongue.

Hebrew: Excellent.

English: Excellent.