

Mirsaleh Heydarov

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PROFILE

I am a recent graduate in Chemical Engineering with a strong interest in energy systems, process design, and project management. I enjoy applying analytical thinking to solve complex engineering problems and have a deep passion for continuous learning and innovation. Through various academic projects, I have developed strong leadership, communication, and presentation skills. I am eager to join a professional team as a Process or Project Engineer, where I can make meaningful contributions while growing both technically and personally.

EDUCATION

B.Sc. in Chemical Engineering 09/2021-06/2025

Khazar University, Baku, Azerbaijan (GPA: 82)

M.Sc. in Hydrocarbon Gas Processing Technology 09/2025-Present

Azerbaijan State Oil and Industry University, Baku, Azerbaijan

EXPERIENCES

Production Engineering Intern 07/2024-09/2024

SOCAR DOWNSTREAM, Baku, Azerbaijan

Undergraduate Researcher 06/2024-06/2025

Nanotechnology Laboratory, Khazar University, Baku, Azerbaijan

- Research initiative at Khazar University, the project concentrated on the process of removing several metals (Co, Ni, and Zn) from drinking water by employing a variety of natural resources.

PROJECTS

Liquefied Natural Gas (LNG) Production Plant design

- Designed an LNG plant using Aspen HYSYS; conducted market analysis, economic evaluation, and HAZOP study.

Removing Antibiotics from Wastewater Research Project

- Conducted research on treatment methods for removing antibiotics from wastewater, evaluated their effectiveness on water quality, and contributed to team-based recommendations for sustainable wastewater management.

EXTRACURRICULAR ACTIVITIES

Communication and Outreach Chairperson

09/2023-06/2024

SPE Khazar University Student Chapter, Baku, Azerbaijan

Membership Chairperson

09/2024-

06/2025

SPE Khazar University Student Chapter, Baku, Azerbaijan

CERTIFICATES

- Certificate of “Introduction to Entrepreneurship”
- Certificate of “Recognition as Communications and Outreach Chairperson”
- Certificate of “Recognition Membership Chairperson”
- Certificate of SOCAR Downstream Internship

SKILLS

Aspen HYSYS, MATLAB, Microsoft Office Suite, Canva.

SOCIAL SKILLS

Leadership, Teamwork, Communication, Leadership, Innovative Thinking, Communication, Management, Creativity.

LANGUAGES

Azerbaijani	Native	German	A2
English	B2	Russian	A1

INTERESTS

Project management, process simulation, research, writing, spiritualism, nature, football, volleyball.