Mohamad Haitham Mehyo

Nationality: Syrian
Date of Birth: 08/04/1985
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Professional Summary

Ph.D. Mechanical Engineer with extensive academic and research experience in mechanical engineering and nanotechnology. Possesses long-standing international experience in multicultural environments across Syria, Türkiye, and Portugal. Demonstrates strong leadership and relationship-building skills, with proven experience in establishing and managing educational and engineering institutions, as well as active involvement in community and voluntary work. Well-qualified for roles related to international cooperation, negotiation, and conflict resolution.

Professional Experience

Syrian Private University – Damascus, Syria **Oct 2025 -- Present**

Vice Dean, Faculty of Petroleum Engineering

- Administrative position: Vice Dean of the Faculty of Petroleum Engineering.
- Academic position: Lecturer and Researcher.

Manager, Foreign Dunya Languages Institute – Samsun, Türkiye **Jul 2019 -- Feb 2025**

Accredited by the Turkish Ministry of National Education

- Founder and Director of the institute.
- Teaching Turkish language on an hourly basis.
- Full academic and administrative supervision.

General Manager, Dunya Engineering and Construction Company – Samsun, Türkiye **Aug 2021 -- Jan 2023**

Construction and Engineering Services

- Founder and General Manager of the company.
- Overall management and supervision of engineering and construction projects.

Mechanical Engineer (Supervision) – Homs, Syria **Sep 2011 -- Sep 2015**

Ministry of Health

- Engineering supervision of healthcare facilities and projects.

Mechanical Engineer (Operation and Maintenance) – Hama, Syria **Sep 2009 -- Sep 2011**

Ministry of Electricity – Al-Zara Thermal Power Plant

- Operation and maintenance of thermal power plant boilers.

Education

- Ph.D. in Mechanical Engineering – Ondokuz Mayıs University, Samsun, Türkiye (2021)
- M.Sc. in Mechanical Engineering – Homs University, Homs, Syria (2014)
- B.Sc. in Mechanical Power Engineering – Homs University, Homs, Syria (2008)

Skills

- **Communication Skills:** Relationship building, negotiation, persuasion, active listening, professional writing, and public speaking.
- **Leadership Skills:** Vision setting, decision-making, team motivation, time management, problem-solving, and accountability.
- **Analytical Skills:** Data collection, contextual analysis, problem decomposition, pattern recognition, and evidence-based conclusions.
- **Technical Skills:** Microsoft Office, MATLAB, AutoCAD, Fortran 90, and social media management.
- **Other Skills:** Long-term experience in family-operated poultry farm management.

Languages

- Arabic: Native
- English: Advanced (doctoral studies, thesis, and proficiency examinations)
- Turkish: Advanced (C1, Ondokuz Mayıs University)
- Portuguese: Basic (University of Coimbra)

Professional Training and Courses

- Computational Fluid Dynamics (CFD) – University of Coimbra, Portugal (2022), Erasmus-funded program.
- Innovation and Entrepreneurship – Ondokuz Mayıs University, Türkiye (2018), TÜBİTAK 1601 Program.
- Ottoman Turkish Easy Texts Program – Samsun (2018).
- Academic Semester with Portuguese Language Course – University of Coimbra (2017).
- English Language Courses – Homs University (2014).
- ICDL – European Computer Driving License (2014).

Voluntary Activities

- President of the Syrian Students Council – Ondokuz Mayıs University, Samsun (2017--2021).
- Community and organizational voluntary activities – Al-Inshaat District Coordination, Homs (2011--2013).

Honors and Recognitions

- Innovative Teachers Workshop – Ondokuz Mayıs University (2019).
- Support for Veterans and Families of Martyrs – Ankara (2018).

Publications

- Performance Investigation of Utilizing Nanoferrofluid as a Working Solution in a Diffusion Absorption Refrigeration System under an External Magnetic Field Effect, *Heat and Mass Transfer*, 2022.
- Thermophysical Properties of Nanoferrofluid (Fe_3O_4--Acetone/$ZnBr_2$) as a Working Fluid for Absorption Refrigeration Applications, *International Journal of Thermodynamics*, 2021.
- Thermal and Economic Study of a Combined Power and Cooling Cycle, *European Mechanical Science*, 2020.
- Studying the Condition-Based Maintenance Dataset of Naval Propulsion Plants Using Regression ANN, *3rd International Students Science Congress*, 2019.
- Thermodynamic Analysis of a Power Plant Waste Heat Driven Absorption Refrigeration System, *The 4th World Congress on Mechanical, Chemical, and Material Engineering*, 2018.
- Computational Fluid Dynamics Simulations of Heat Transfer of Identical Chimneys in a Building, *The 4th World Congress on Mechanical, Chemical, and Material Engineering*, 2018.
- Numerical Simulation of a Two-Dimensional Laminar Flow in a Tank with Heat Transfer, *2nd International Students Science Congress*, 2018.
- Utilization of Waste Heat from the Al-Zara Thermal Power Plant for Cooling Applications, *Homs University Journal for Medical, Engineering, Basic, and Applied Sciences*, 2015.
