

FARID ENAYATI

- ✓ Authorized to work Full-time holding a search year resident permit.

I graduated in Energy Engineering with a focus on Thermofluids and Fluid Dynamics, gaining hands-on experience in Particle Image Velocimetry (PIV) and experimental flow analysis. I have applied PIV extensively in studies ranging from the Coandă effect in free-surface flows to wind tunnel testing of VAWTs, as well as in recent research collaborations on coastal hydrodynamics.

I take ownership of my work and act with commitment and responsibility. [My mentors have described me](#) as someone who shows “remarkable quick learning ability”, “great attention to detail”, and “hands-on skills during experiments.” Others have seen my “strong commitment to learning,” “analytical strengths,” and “ability to contribute to a positive lab environment.”

EDUCATION

MSc. Energy Engineering	Sapienza Università di Roma, Rome, ITA	09/2021 – 01/2025
<ul style="list-style-type: none">Conducted wind tunnel experiments on Vertical Axis Wind Turbines using Particle Image Velocimetry (PIV)Analysed vehicle dynamics and fluid flow characteristicsExecuted experimental studies in fluid mechanics, incorporating PIV, infrared techniques, and data analysis.		
Master Thesis Research	KU Leuven, Leuven, BEL	09/2023 – 06/2024
<ul style="list-style-type: none">Title: Effect of Nanoparticle Size and Deposition Layer on Aluminium Surface in Spray Cooling (Experimental) Published: https://doi.org/10.1016/j.applthermaleng.2025.125450		
BSc. Mechanical Engineering	University of Kurdistan, Sanandaj, IRA	09/2016 – 02/2021
<ul style="list-style-type: none">Graduated with distinction as an Outstanding Graduate from the Faculty of EngineeringServed in an editorial role for the Mechanical Engineering Scientific Student MagazineParticipated in a prestigious 4-Year Honors ProgramAchieved top placement as an entrance student in the Faculty of Engineering.		

EXPERIENCES

Research Fellowship	ISPRA CNR-INM Sapienza Università di Roma, Rome, ITA	02/2025 – 12/2025
<ul style="list-style-type: none">Conducted PIV measurements to investigate interactions between river flow and sea waves under barotropic and baroclinic conditions (Experimental; ongoing project with restricted details).Performed experimental studies on the Coandă effect in open-channel flows using high-speed imaging and laser-based PIV technique (Experimental; ongoing project with restricted details).		
Part-time Service Roles	Hotel De Russie Palazzo Ripetta , Rome, ITA	06/2023 – 12/2024
Student Job	Bodemkundige Dienst van België , Leuven, BEL	09/2023 – 12/2023
Seasonal Maintenance Assistant	Family Farm, Sanandaj, IRA	03/2015 – 10/2021

SOFTWARE SKILLS and INTERPERSONAL SKILLS

MATLAB | SolidWorks | ABAQUS | ANSYS Fluent | COMSOL Multiphysics | EES

Team Collaboration | Generating unique ideas | Analytical thinking | Social awareness | Adapting quickly to new challenges

LANGUAGES

English: Fluent | **Italian:** Beginner/A2 (Ongoing) | **Dutch:** : Beginner/A1 (Ongoing) | **Kurdish:** Native | **Persian:** Native

HIGHLIGHTS

Particle Image Velocimetry (PIV) Analysis – Experimental Fluid Mechanics and Analysis – Thermal Analysis in Fluid Systems – Computational Fluid Dynamics (CFD) Simulations – Simulink Modeling and Simulation for Engineering Systems – Heat Transfer Phenomena and Modeling

References available upon request. (A few could be found on my LinkedIn profile)