

1. PERSONAL INFORMATION

Surname, Name: **Negar, Namazifard**
Born: **28-08-1995, Shiraz, Iran**
Home address: **Via Pietro Maffi 43, Milano (MI), Italy**
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2. EDUCATION

April 2021 **Master of Science in Energy Engineering**
Politecnico di Milano, score 106/110
Thesis title: *Operation and Planning Open Source Energy Modeling for Energy Transition Scenarios*
Supervisor: Prof. Emanuela Colombo
Description: Development of a new open source energy optimization modeling framework from the ground of up to capture the full temporal and spatial variability of the demand and supply side of an energy system in both operation and investment decision optimizations. The thesis provides an in-house energy model which is highly flexible to any possible integrations and modifications in the future

September 2017 **Bachelor of Science in Mechanical Engineering**
Shiraz University, score US system: 3.59/4

3. ACADEMIC AND PROFESSIONAL CAREER

Sep 2019 – Nov 2019 **Intern**
Fondazione Eni Enrico Mattei, Corso Magenta, 63 – 20123, Milano, Italy
Research program: *“Africa: Research, Empowerment, and Partnership (REP)”*
Activities: Providing a benchmark study based on corporative foundations in both Italian and International perspective to understand their key roles, main areas of interest and internal processes in terms of administration and fundraising by investigating the available annual reports (A particular focus on the foundations operating in the fields of oil and gas, energy transition, sustainability, climate change and energy and economic model development)

Apr 2020 – Dec 2020 **Research Fellow**
Fondazione Eni Enrico Mattei, Corso Magenta, 63 – 20123, Milano, Italy
Research program: *“Africa: Research, Empowerment, and Partnership (REP)”*

Activities:

- CIVICS-Kenya: A Case study on coffee supply chain in Kenya based on the Comprehensive and Integrated Country Study (CIVICS) by an impact assessment framework developed by REP research group in FEEM , the aim of the project is to sustain national policies by drawing the guidelines and combining the information in a unique frame using the tools including Supply Chain Analysis, Industrial Ecology Modeling and energy Modeling to identify improvement strategies and evaluate possible impacts on social, economic and environmental level
- CIVICS-Ghana: Case study on maize and poultry supply chain in Ghana based on the comprehensive and integrated impact assessment framework developed by REP research group in FEEM

Jul – Sep 2017

Employee - Intern

Hampa Energy – HEDCO, Shiraz, Iran

Activities: Manufacturing and design pressure vessels based on ASME codes and standards

4. FIELDS OF INTERESTS

- Energy Modeling
- Energy Economics
- Comprehensive Energy Solution Planning
- Integrated Impact Assessment Frameworks
- Sustainable Development
- Renewable Energy

5. PUBLICATION ACTIVITY

INTERNATIONAL CONFERENCE PAPER

Savarese, A., Jarquin, C. S. S., Namazifard, N., Gioffre, D., Tahavori, M. A., & Karvounis, P.

Emissions mitigation by infrastructure improvement and increased renewables share on electricity grid

Colombia University, New York, USA, 2019

6. ACADEMIC PROJECTS

Dec 2019

Comprehensive development study for providing sustainable energy to rural Tanzania

Activities: Providing a program cycle management by identifying the involved stakeholders in the project, implementing an accurate problem, objective and strategy analysis, description all the required activities in all the steps of the project by allocating proper budgeting and finally provide a comprehensive energy solution planning including demand and resource assessment based on a cost optimization technical design

May 2019

A case study on decarbonization of the Greek Transport Sector by input-output analysis

Activities: An analysis for reducing emissions through providing cleaner and more efficient transport sector in Greece by electrifying 10% of the passenger road and evaluating the possible effects at environmental and economic levels through input-output analysis

7. SOFTWARE SKILLS

- Python
- GAMS
- Quantum GIS
- Professional Microsoft Office
- MATLAB
- ANSYS (Fluent)
- Gambit
- Latex

8. LANGUAGES

- Persian
 - English
 - German
 - Italian
- Native
IELTS band score : 7.5/9
Elementary Proficiency
Elementary Proficiency

9. EXTRACURRICULAR ACTIVITIES

- Reading Novels and psychological books
- Sports Skating (Provincial gold medal), Horseback riding
- Cinema

10. REFERENCES

- Prof. E. Colombo , Professor (emanuela.colombo@polimi.it)
- Dr. M. Vincenzo Rocco, Professor (matteovincenzo.rocco@polimi.it)