

EDUCATION

- Shahid Beheshti University** Tehran, Iran
 - Master of Science in Energy Economics* *September 2022-Present*
 - Courses:* Microeconomics, Macroeconomics, Energy Economics
- Sharif University of Technology** Tehran, Iran
 - Bachelor of Science in Mathematics and Applications; GPA: 3.3* *September 2017 - January 2022*
 - Courses:* Operation Research, Mathematical Analysis, Regression Analysis, Advanced Programming, Advanced Numerical Analysis, Statistics and Applications, System Dynamics, Microeconomics, Financial Economics, Digital Economics, Energy Policy
- National Organization for Development of Exceptional Talents(SAMPAD)** Nahavand, Iran
 - Diploma of Mathematics and Physics; GPA: 3.99*

PUBLICATIONS

- Policy Paper: Silent scream of energy transition over Iran's economics and energy strcture:**
Published in Specialized Journal of Exergy in Persian (June - 2021)

TEACHING EXPERIENCE

- Teaching Assistant**
 - Numerical Computation at the Computer Engineering Department* *January 2020 - June 2020*

SKILLS SUMMARY

- Programming Languages:** JAVA, R, Octave, (Familiar with: Python and Julia)
- Soft Skills:** Peresentation, Report writing, Listening, Creative problem solving, Attention to details
- Softwares:** Vensim, MS Office, AutoCad, LaTeX, (Familiar with: Lingo)

PROJECTS

- A system dynamics simulation of Iran's oil-peak production:** (Tech: Vensim)
- A scenario-based forecast of Iran's electricity demand using multiple regression and the ARIMA model:** (Tech: R)

PRESENTATIONS

- Optimization Methods in Resource Allocation:** (October-2022)
- The Hubbert Peak Theory:** A joint lecture with the cooperation of Dr. Abbas Maleki (June-2021)
- Commutativity in Finite Rings:** (January-2021)
- Numerical Double Integration Methods:** A joint lecture with the cooperation of A. Mohammad Gholiha (June-2019)

CONFERENCES AND WORKSHOPS

- The 1st winter school in political economy:**
At Allameh Tabataba'i University in participation with universities from Iran and Russia (February-2021)

HONORS AND AWARDS

- Awarded a scholarship for the exchange program between Iranian and Russian universities:** Canceled due to the COVID-19 pandemic (January-2020)

PROFESSIONAL DEVELOPMENT

- Machine Learning:** Andrew Ng's course on Coursera
- Discrete Optimization:** Pascal Van Hentenryck's course on Coursera (In progress)

LANGUAGES

- Persian, English, Russian:** In order of proficiency

VOLUNTEER EXPERIENCE

- Co-Founder of the Scientific, Supplicative, and Syhmpathetic Sessions (4S)** Tehran, Iran
 - Sessions for economics students of Shahid Beheshti University with different purposes* *November 2022 - Present*
- Member of the Ansar Charity** Nahavand, Iran
 - Providing healthcare materials for low-income families.* *March 2020 - Present*