

EMAD KOOHJANI

Tehran,Iran

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🌐 [emad koojhani](#)

🔗 [k-emad](#)

EDUCATION

Allameh Tabataba'i University

Bachelor's degree in Economics , **17.9(A+)**

09 2021 – Present

Tehran, Iran

SKILLS

- Microeconomics
- Macroeconomics
- Econometrics
- Statistics
- Data Visualization
- Data Analysis
- Mathematical Optimization
- Financial Analysis

SELECTED COURSES

- Microeconomics I, II & III: 20
- Macroeconomics I: 17.75
- Macroeconomics II & III: 20
- Econometrics I: 19
- Econometrics II: 20
- Mathematics I & II: 20
- Statistics I: 18
- Industrial Organization: 18.5
- Game Theory: 19.5

TEACHING EXPERIENCE

- Environmental Economics and Natural Resources
- Econometrics II
- Microeconomics
- Industrial Organization

01 2023 – 06 2023

09 2023 – 01 2024

PROJECTS

Regression Calculation 🔗 | [Python](#)

10 2022

- Implemented linear regression using OLS in Python to analyze the relationship between variables and estimate coefficients, showcasing proficiency in econometric techniques and statistical modeling.

Production Function 🔗 | [Python](#)

12 2022

- Developed a Python code for an econometrics project involving linear regression with OLS and the Cobb-Douglas production function, including statistical tests to evaluate model significance, showcasing expertise in econometric analysis and statistical modeling.

Gasoline Demand Analysis 🔗 | [Python](#)

03 2023

- Implemented Python code for an econometrics project analyzing gasoline demand in Iran using OLS regression, including impactful visualizations to illustrate variable relationships. Showcased proficiency in econometric analysis, modeling, and data visualization.

Phillips Curve 🔗 | [Python](#)

06 2023

- Conducted an econometric analysis of the Phillips Curve using Python. Employed OLS regression, performed statistical tests, and utilized data visualization techniques to present results, strengthening my skills in econometrics and programming.

CERTIFICATIONS

- SQL for Data Science - Coursera
- Microeconomics: The Power of Markets - Coursera
- Science - Coursera
- Visualizing Data with Python - Coursera
- Operations Analytics - Coursera
- Linear Algebra for Machine Learning and Data Science - Coursera
- Customer Analytics - Coursera
- Capstone: Retrieving, Processing, and Visualizing Data with Python - Coursera
- Calculus for Machine Learning and Data Science - Coursera

VOLUNTEER EXPERIENCE

ARFAK NGO

11 2022 – 10 2023

Tehran

- Math Teacher: Taught math to elementary students, ensuring a positive experience free from child labor.
- Fundraising Consultant for "Javooneh," a social business specializing in online sales of flowers and plants: Successfully secured Venture Philanthropy funding to support the growth and impact of the business.

Scientific Association of Development Economics

9 2022 – 9 2024

Tehran

Board Member

- Engaged in various activities to promote the understanding of development economics, including organizing workshops and seminars. Notably, contributed to the "Mehr va Tose'e" conference, which aimed to elucidate the role of NGOs in society and the economy.

PROFESSIONAL EXPERIENCE

Startup Co-founder

05 2023 – Present

Market Research and Economic Studies

Tehran

- Co-founded a startup specializing in economic studies, with a focus on conducting in-depth analysis of energy and industrial and chemical commodities markets. This experience has honed my ability to identify emerging market trends and opportunities for investment.
- Led business analysis efforts, meticulously examining market trends and identifying high-potential investment opportunities for strategic positioning.
- Conducted extensive market research, meticulously gathering and analyzing data to provide actionable insights into market dynamics and competitive landscapes. This analytical rigor ensures informed investment decisions aligned with market trends.
- Developed expertise in sophisticated market sizing techniques, enabling accurate assessment of market potential and identifying untapped investment opportunities.
- Demonstrated proficiency in Microsoft Word, PowerPoint, Excel, Stata and Python (programming language), utilizing them extensively for data analysis and report generation.
- Leveraged knowledge in working with datasets to provide nuanced insights into global economic trends and geopolitical dynamics, informing strategic investment decisions in a rapidly changing global market landscape.

Economic Researcher

06 2024 – Present

Vandad Capital (Financial Company)

Tehran

- * Vandad Capital is a financial firm with a skilled team specializing in investment analysis, banking, and finance. The company focuses on leveraging opportunities in the Iranian economy and values scientific research in economic studies. They provide tailored advice to a diverse range of clients while ensuring transparency and compliance in all transactions. Key activities include capital raising, financial consulting, and risk assessment.
- * As an Economic and Financial Researcher at Vandad Capital, I prepare weekly reports on the Iranian capital market and the international economic landscape. My role involves analyzing data from various industries and creating economic and technical reports for management and general audiences. I also conduct statistical and econometric research to assess risks and volatility in stock and gold markets, as well as investigate energy imbalances and monetary data in Iran.
- * I use tools like Python, Excel, and PowerPoint for research and effective presentation of findings. My expertise in PowerPoint enables me to communicate complex information clearly, supporting informed decision-making within the company.