Saeed Saffari

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Profile Summary

I am a master's student at the department of economics at the Allameh Tabataba'i University. In 2019, I started the master's program. I felt the need to learn more about economics and relative subjects. Therefor, I began to learn Python and R programming. In Fall 2020, I became a lecturer "Applied Python in Economics" to BA student at the University of Tehran. I am also a teacher assistant for the Econometrics, Macroeconomics, Planning Economics, and Game Theory courses at Tehran and Allameh Tabataba'i universities.

I am interested in learning human behavior, and I enjoy solving mathematical problems and modeling real-world situations with math and machine algorithms. I like to do research and work with different types of data. Furthermore, I enjoy the process of looking at an economic occurrence, thinking about the key empirical factors, and choosing the correct variable and structural choices to generate a model that explains the situation.

Education

Allameh Tabataba'i University   **Iran, Tehran**
Master of Economics   *September 2019 - Current*

- **Thesis:** Estimating Value-added in Gross Exports and It's relation to Vertical Specialization: (The case study of Iran
  Supervised by Prof. Ali Asghar Banoui

- Related Academic Coursework: Econometrics, Game Theory, Development Economics.

University of Tehran   **Iran, Tehran**
Bachelor of Economics   *September 2015 - September 2019*

- Related Academic Coursework: Linear algebra, Mathematical Economics, Financial Economics.

Daneshmand High School   **Iran, Tehran**
High school diploma in Mathematics   *September 2010 - September 2014*

Research interest

- Machine Learning, Data Analysis
- Econometrics , Modeling Economy.
- Financial Economics, International Finance
- Statistical Modeling, Prediction and Estimation Models
- Development Economics, Environmental Economics
- Macroeconomics, Planing Economics, Game Theory

Publication and Academic Projects

- Saffari, S., Banoui, A. (2021). Estimating Domestic Value-added in Gross Exports and It's relation to Vertical Specialization: (The case study of Iran). Manuscript in preparation.

- Tavakolian, H., Ebrahimi, H., Saffari, S. (2021). Predict COVID-19 cases in Iran with SIRD model. Manuscript in preparation.

- Naji, M., Samimi, Y., Saffari, S. (2021). The Social Impact and Its Relation with Social Entrepreneurship and Social Innovation (Case Study: Iran). Manuscript in preparation.

- Saffari, S. (2020). Research and analyze Iran's economy data and compare with other countries. Project at University of Tehran.

- Saffari, S. (2018). Writing a report comparing the countries' budgets. Project at University of Tehran.

Teaching

- **Lecturer** Applied Programming (Python) in Economics at University of Tehran   Fall 2020 - current
- **Teacher assistance** of Advance Macroeconomics at University of Tehran   Aug 2020 - current
- **Teacher assistance** of Econometrics at Allameh Tabataba'i University   March 2021 - current
- **Research assistance** at Allameh Tabataba'i University   Oct 2020 - current
- **Teacher assistance** of Macroeconomics at Allameh Tabataba'i University   March 2021 - current
- **Teacher assistance** of Game Theory at Allameh Tabataba'i University   Sep 2020 - current
- **Teacher assistance** of Advance Macroeconomics at Allameh Tabataba'i University   Oct 2019 Feb 2020
- **Teaching** basic **Python** course + basic **LaTeX** course   2020-2021

Certificates and Courses

- Enrolled **Behavioral Development Economics** full term courses by professor Gautam Rao from Harvard University.   Spring 2021
- Passing the course **Machine Learning** from Stanford University on Coursera online courses.   August 2020
- Certificate of completion **Introduction to Data Science in Python** from University of Michigan on Coursera online courses.   August 2020
- Passing the course **Using Big Data to Solve Economic and Social Problems** from Harvard University by Professor Raj Chetty on Opportunity Insights courses.   August 2020
- Passing the course **Data Analysis for Social Scientists** from MIT University by Prof Esther Duflo on edX online courses.   August 2020
- Certificate of completion **Game Theory** from Stanford University on Coursera online courses.   May 2020
- Certificate of completion **Game Theory II: Advanced Applications** from Stanford University on Coursera online courses.   August 2020
- Pass the course **Macroeconomic Diagnostics** from IMF on edX online courses.   June 2020
- Pass the course **Designing a Multidimensional Poverty Index 2021** from Learning For Nature online courses.   March 2021
- Pass the course **Learn Python 3** from Codecademy courses.   October 2019
- Certificate of completion **The Complete Python 3 Course** on Udemy online courses.   February 2020
- Certificate of completion **Python: Programming Efficiently** on Linkedin Learning.   August 2020
- Certificate of completion **R Programming for Statistics and Data Science** on Udemy online courses.   April 2020
- Certificate of completion **Data Wrangling in R** on Linkedin Learning.   May 2020
- Certificate of completion **Using Storytelling to Prove a Case With Data** on Codecademy.   March 2021
- Certificate of completion **Economic Growth and Distributive Justice - The Role of the State** from TEL AVIV University on Coursera online courses.   August 2020
- Certificate of completion **Introduction to Philosophy** from The University of Edinburgh in Coursera online courses.   May 2020
- Certificate of completion **Managing Teams** on Linkedin Learning.   June 2020
- Certificate of completion **Adobe Photoshop CC** and **Adobe InDesign CC** on Udemy online courses.   March 2020
- Certificate of completion for Parmiss Accounting software.   2016
- Certificate of completion for Sepidar Accounting software, System Group Company.   2016

Professional experiences

- **Organizer of weekly economic meetings** at department of economics in the University of Tehran, called "Economics Cafe"   2018 - 2019
- **Member of scientific student association**, department of economics, Allameh Tabataba'i university.   2019 - current
- Member of Green Economics Campaign environmental project, Tehran.   2018 - 2019

- **Head of student association**, department of economics, University of Tehran   2016 - 2019
- Apprenticeship in **accounting** at Savin Carpet Company, Tehran.   2014
- **Editor and managing director of Mahiat magazine**, department of economics, University of Tehran.   2017 - current
- **Editor** at World of Economics publishing company, Tehran.   2017 - 2019
- **Academic adviser** at Gaj international publishing company, Tehran.   2018
- **Member of culture council**, department of economics, University of Tehran.   2017 - 2019
- **Member of publishing merit council**, University of Tehran.   2017-2019
- **Author** at Rastakhiz and Sahar student magazines, department of economics University of University of Tehran.   2015 - current

Cumputer software

- **LATEX, MS Office**
- **Python, R, MATLAB, Julia, C++**
- **STATA, EViews**
- **Adobe Photoshop CC, Adobe InDesign CC**

Other activities

- Advance Literature knowledge.
- Interested in philosophy.

- Continuous blood donor.
- Red Crescent First Aid Certificate.

- Amateur Climber.
- Silver medal in Ping Pong Provincial Competition, Tehran, 2011.
- Volleyball player.