Ali Bahrami Sani

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Education

Tehran Institute for Advanced Studies   *Tehran, Iran*
Mater of Science in Development Economics (ranked 1st among 15 students)   *Sept. 2020 - Dec. 2022*
- **Thesis Title:** Intergenerational Mobility in Iran.
- **Thesis Supervisor:** Professor **Mohammad Hoseini**.
- **Selected Courses:** Development Economics I (20/20), Development Economics II (20/20), Applied Econometrics (20/20), Macroeconomics I (19.65/20), Macroeconomics II (19.4/20), Microeconomics I (19.2/20), Econometrics I, Advanced Game Theory, Mathematical Economics, Financial Economics, Theoretical Aspect of data science.

Sharif University of Technology   *Tehran, Iran*
Bachelor of Science: Material Science and Engineering   *September 2015 - September 2020*
- **Selected Courses:** Mathematics I, Mathematics II, Differential Equations, Engineering mathematics, Organizational Behavior.

Experience

Ministry of Cooperative, Labor and Social Welfare   *Tehran, Iran*
Economics Data Analyst   *Jul 2022 - Current*
- Development Researcher for targeting eligible people in areas related to the ministration, mainly to alleviate poverty, assessing the policy impacts, and evaluating inequality and mobility in Iran.
- **Technical Skills:** STATA, R, Python, Julia.

TeIAS   *Tehran, Iran*
Teaching Assistance   *Sept 2020 - Dec 2022*
- Teaching assistant of **Development Economics I** *at TeIAS taught by professor Mohammad Hoseini*.
- Teaching assistant of **Applied Econometrics** at TeIAS taught by professor Mohammad Hoseini.
- Teaching assistant of **Econometrics I** at TeIAS taught by professor Layla Shiva.

University Projects

Under The Tyranny of a Policy: Exchange rate subsidy under the Rouhani administration.   *Tehran, Iran*
TeIAS   *July 2022*
- Term project of "Development Economics II" taught by professor Sepehr Ekbatani.
- Exploiting the impact of essential and basic commodities' subsidy on the evolution of prices using Instrumended-Diff-in-Diff. Found 52% increases in the price indexes during 6 months, and a 4Kg drop in consumption as a welfare loss.

Social Mobility in Iran   *Tehran, Iran*
TeIAS   *Sep 2021*
- Research proposal for "Development Economics I" & "Research Method" taught by professor Mohammad Hoseini.
- We tried to survey the literature in developing countries and proposed methods to estimate social mobility in Iran, as a developing country, unbiasedly.

The price of a petrochemical corporation   *Tehran, Iran*
TeIAS   *Dec 2020*
- Term project of "Financial Economics" taught by professor Mahdi Heidari.
- Fundamental analysis of a "public corporation" with sensitivity analysis under different scenarios.

The pandemic effect on students' preference: Case study of Sharif university   *Tehran, Iran*
TeIAS   *Dec 2020*
- Term project of "Econometrics I" taught by professor Layla Shiva.
- We estimated the impact of the educational factors on the students' preferences and ask the question of whether they support online platforms or in-person education. We used a survey provided by Sharif-daily magazine, which included over 800 volunteer participants. We found that more educated participants tend to choose e-learning over traditional one, controlling for the status of the field and faculty of the departments.

Workshops

July 2022	**Managing Big Data with MySQL**, Coursera, Duke University, Jana Borg, Credential	*Online*
June 2022	**Introduction to Git and GitHub**, Coursera, Google, Google, Credential	*Online*
June 2022	**Machine Learning for Data Analysis**, Coursera, Wesleyan University, Jen Rose & Lisa Dierker, Credential	*Online*
May 2022	**Machine Learning**, Coursera, Stanford University, Prof. Andrew Ng, Credential	*Online*
Sep 2021	**Causal Inference**, Baylor University, Prof. Scott Cunningham, Credential.	*Online*

Skills

Programming	Python, Julia, STATA, R, Octave.
Tools	LaTeX (Overleaf/Texmaker), MS Office.

Languages

English	**TOEFL** score: 103. October 2022, Reading: 27/30, Listening: 26/30, Speaking: 25/30, Writing: 25/30.
Persian	Native proficiency

References available upon request.