

# Ali Bahrami Sani

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## Education

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<b>Master of Art, Tehran Institute for Advanced Studies (TeIAS)</b> <i>Major: Development Economics</i>	2020 - 2022 GPA: 18.82/20
<b>Bachelor of Science, Sharif University of Technology</b> <i>Major: Material Science and Engineering</i>	2015-2020 GPA: 14.84/20

## Awards & Honors

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<b>Ranked 1st in GPA among 15 students</b> <i>Master of Economics at TeIAS</i>	2022
<b>Ranked 42nd among +10000 participants</b> <i>The Iranian MSc Economics Universities Entrance Exam (Konkour)</i>	2020
<b>Ranked 570 among +180000 participants</b> <i>The Iranian University Entrance Exam (Konkour)</i>	2015

## Fields of Interest

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**Empirical Microeconomics, Economic Development, Labor and Demographic Economics, Welfare and Health Economics.**

## Research Experience

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<b>Intergenerational Mobility in Iran</b> <i>with Mohammad Hoseini</i>	MAs Thesis
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This study describes three features of intergenerational mobility in Iran based on administrative records on the labor income of more than three million sons and their fathers. To begin with, we characterize the joint distribution of incomes earned by fathers and sons at the national level. The conditional expectation of son income given father income is linear in percentile rank. On average, a 10-percentile increase in a father's income is associated with a 3.7-percentile increase in a son's income. Furthermore, intergenerational mobility in Iran varies widely between provinces. For instance, among sons starting from a family in the bottom quantile, a son in Isfahan reaches a percentile rank of 29, whereas, in North Khorasan, he reaches a percentile rank of 47. Lastly, we examine a factor associated with mobility. The Gini index is correlated negatively with mobility across provinces in Iran.

## Work Experience

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<b>Economic Researcher</b> <i>Iran Ministry of Labor and Social Welfare</i>	July 2022 - Present Tehran, Iran
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- Proposing & designing social assistance programs.
- Social assistance policies consultant.
- Evaluating social assistance policies.
- [Data Analysis](#).

### *Teaching Assistance Experience*

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<b>Development Economics I</b> , TA for Prof. <a href="#">Mohammad Hoseini</a> <i>TeIAS</i>	Fall 2022
<b>Applied Econometrics</b> , TA for Prof. <a href="#">Mohammad Hoseini</a> <i>TeIAS</i>	Spring 2022
<b>Econometrics I</b> , TA for Prof. <a href="#">Layla Shiva</a> <i>TeIAS</i>	Fall 2021

### *Research Assistance Experience*

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<b>Research Assistant</b> for Prof. <a href="#">Mohammad Hoseini</a>	Fall 2021
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Surveyed methods and measures to estimate social mobility in developing countries. Tried to calculate the effect of the United Nations sanctions on social mobility in Iran.

### *Programming Skills*

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**Stata, R, Python, Julia, MATLAB.**

### *Selected Course Projects*

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1. **Under The Tyranny of a Policy: Exchange rate subsidy under the Rouhani administration.**  
Exploiting the impact of essential and basic commodities' subsidy on the evolution of prices using Instrumented-Diff-in-Diff. Found 52% increases in the price indexes during six months and a 4Kg drop in consumption as a welfare loss.  
Course project of "Development Economics II" taught by prof. [Sepehr Ekbatani](#).
2. **Social Mobility in Iran**  
We tried to survey the literature in developing countries and proposed methods to estimate social mobility in Iran, as a developing country, unbiasedly.  
Course Project & Research proposal for "Development Economics I" taught by prof. [Mohammad Hoseini](#).
3. **Valuation of a petrochemical corporation in Tehran Stock Market.**  
Fundamental analysis of a "public corporation" with sensitivity analysis under different scenarios.  
Course project of "Financial Economics" taught by Prof. [Mahdi Heidari](#).
4. **The pandemic effect on students' preference: A case study of Sharif university.**  
We estimated the impact of the educational factors on the students' preferences and asked 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.  
Course project of "Econometrics I" taught by Prof. [Layla Shiva](#).

### *Selected Courses*

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Development Economics I	20/20	Macroeconomics I	19.65/20
Development Economics II	20/20	Macroeconomics II	19.40/20
Econometrics I	18.60/20	Microeconomics I	19.20/20
Econometrics II	20/20		

### *Short Courses*

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#### **Machine Learning and Heterogeneous Effects**

by [Brigham Frandsen](#) *Credential*

May 2023

*Mixtape Sessions*

#### **Synthetic Control and Clustering**

by [Alberto Abadie](#) *Credential*

May 2023

*Mixtape Sessions*

#### **Advanced Differences-in-Differences**

by [Jonathan Roth](#) *Credential*

May 2023

*Mixtape Sessions*

#### **Machine Learning and Causal Inference**

by [Brigham Frandsen](#) *Credential*

April 2023

*Mixtape Sessions*

#### **Using Python to Access Web Data**

*University of Michigan*, by [Charles Russell Severance](#) *Credential*

April 2023

*Coursera*

#### **Big Data Visualization Tools**

*Johns Hopkins University*, by [Roger D. Peng](#) & [Brooke Anderson](#) *Credential*

April 2023

*Coursera*

#### **Data Economy**, by [Maryam Farboodi](#)

Spring 2022

#### **An Introduction to Information Design**, by [Ali Shourideh](#)

Summer 2022

#### **Selected Topics in Household Finance**, by [Amir Kermani](#)

Summer 2022

#### **Theoretical Aspects of Data Science and Machine Learning**

By [Kasra Alishahi](#), [Mojtaba Tefagh](#)

Summer 2022

*Summer School*

#### **Managing Big Data with MySQL**

*Duke University*, by [Jana Borg](#), *Credential*

July 2022

*Coursera*

#### **Introduction to Git and GitHub**

*Google*, by [Google](#), *Credential*

June 2022

*Coursera*

#### **Machine Learning for Data Analysis**

*Wesleyan University*, by [Jen Rose](#) & [Lisa Dierker](#), *Credential*

June 2022

*Coursera*

#### **Machine Learning**

*Stanford University*, by [Prof. Andrew Ng](#),

May 2022

*Coursera*

#### **Causal Inference**

*Baylor University*, by [Prof. Scott Cunningham](#), *Credential*.

September 2022

*Coursera*

## *Languages*

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- English

TOEFL score: 103. October 2022,

- Reading: 27/30,
- Listening: 26/30,
- Speaking: 25/30,
- Writing: 25/30.

- Persian

Native proficiency