

Sorena RAHI

PERSONAL DATA

PLACE AND DATE OF BIRTH: Tehran, Iran | December 13th 1990
INSTITUTION: Graduate School of Management and Economics,
Sharif University of Technology
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EDUCATION

SEP 2014 - JUNE 2017 Master of Science in ECONOMICS, **Sharif University of Technology**,
Tehran, Iran
GPA: 17.28/20
Thesis: "The Effect of Relationship Formation on Contract Duration
and Performance in the Int'l Offshore Drilling Industry"
Advisor: Prof. Mohammad H. Rahmati

SEP 2009 - JUNE 2014 Bachelor of Science in ECONOMICS, **Shahid Beheshti University**,
Tehran, Iran
GPA: 14.82/20

SEP 2005 - JUNE 2009 High School and Pre-University Diploma in MATHEMATICS AND PHYSICS,
Salam High School,
Tehran, Iran

AWARDS AND ACHIEVEMENTS

MAR 2017 Admitted to the PhD Program in Marketing at University of Washington's
Foster School of Business

MAR 2017 Admitted to the PhD Programs in Economics at Ohio State University,
Indiana University-Bloomington, and McGill University

SEP 2014 Ranked 11th in the Final Stage of the Nationwide Olympiad in Economics

MAY 2014 Ranked 28th in the Economics Masters National University Entrance Exam

SEP 2009 Ranked in the Top One Percentile in the Mathematics and Physics Bachelor's
National University Entrance Exam

JUNE 2005 Graduate and Alumni of the National Organization for the Development of
Exceptional Talents

RESEARCH INTERESTS

Game Theory, Political Economy, Law and Economics, Industrial Organization

TEST SCORES

NOVEMBER 2017 TOEFL IBT®: 117 (Reading: 29 , Listening: 30 , Speaking: 28 , Writing: 30)
NOVEMBER 2016 GRE GENERAL®: Verbal: 158(%80) , Quantitative: 170(%97) , AWA: 4.5(%82)
SEPTEMBER 2015 TOEFL IBT®: 117 (Reading: 30 , Listening: 29 , Speaking: 29 , Writing: 29)

RESEARCH AND TEACHING EXPERIENCE

Present | Research Assistant
AUG 2015 | *Sharif University of Technology*
Worked as an RA for Dr. S.A Madanizadeh and Dr. M.H Rahmati

Present | Teaching Assistant
SEP 2015 | *Sharif University of Technology*
- Econometrics I (MSc. Course, Fall 2015) - Dr. S.M. Barakchian
- Microeconomics II (MSc. Course, Spring 2016) - Dr. S.F. Fatemi
- Macroeconomics II (MSc. Course, Fall 2016) - Dr. S.A Madanizadeh
- Microeconomics I (MSc. Course, Fall 2017) - Dr. S.F. Fatemi
- Advanced International Trade (MSc./PhD Course, Fall 2017) - Dr. S.A Madanizadeh
- Workshops on Stata and MATLAB for First Year Grad Students (Fall 2015)
- Workshops on Stata, MATLAB, Dynare and \LaTeX for Second Year Grad Students (Fall 2016)

WORKING PAPERS AND PROJECTS

- The Effect of Relationship Formation on Contract Duration and Performance in the International Offshore Drilling Industry, *Working Paper, MSc. Thesis*
- The Effect of Exogenous Shocks on Iranian Banks' Lending Behavior, *Working Paper*
- A Structural Model of Crime: Evidence from Baltimore's Light Rail System, *Working Paper*
- A Survey on Contract Theory and its Recent Empirical Developments, *Working Paper*
- The Effect of Trade Liberalization on Labor Specialization: Evidence from the U.S, *Working Paper*
- Analyzing the Effect of the Sanctions Removal on Iran's Economy by Simulating a DSGE Model, *Term Paper*
- Estimating a VAR System to Assess the Effect of Oil Shocks on the Stock Exchange Market in Iran, *Term Paper*
- A Literature Review on Political Business Cycles, *Term Paper*
- A Monte Carlo Comparison between the Power of Statistical Functional Form Tests, *Term Paper*

COMPUTER SKILLS

Proficient in: MATLAB, STATA, Dynare, SPSS, Microsoft Office, \LaTeX
Familiar with: R, Python, HTML, PHP

NON-DEGREE COURSES

[Market Design Summer School](#) by Paul Milgrom: *The Foundation of Mechanism Design: Vickery-Clark-Grove Mechanism - Liquidity and Information in Dynamic Matching Markets - Auctions and Pricing in Markets with Complex Constraints: The FCC Incentive Auction*

[Big Data Economics Summer School \(Sep 5th - Sep 8th 2016\)](#): *A Visit of the Economics of the Future - Time Series/Cross-Sectional Predictability and Stock Returns - Big Data, Model Selection, Aggregation-Indexing - Moment and Selection Approaches: A Comparative Simulation Study - Casual Inference in High-Dimensional Approximately Sparse Structural Linear Models - Double machine learning for causal and treatment effects - High Frequency Market Making in the Foreign Market - Text Mining and Computational Text Analytics - Big Data Strategy - Data platforms-platform revolution and data platform*