

# ALI RASHIDI

## CONTACT INFO

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## RESEARCH INTERESTS

Applied Microeconomics - Development Economics - Causal Inference  
Industrial Organization - Applied Mathematics - Network Economics

## EDUCATION

**B.Sc. In Aerospace Engineering, Minor In Philosophy of Science**            **2018-2023**  
*Sharif University of Technology | Tehran, Iran | GPA: 16.7/20*  
**M.Sc. In Economics**            **2024-**  
*Sharif University of Technology | Tehran, Iran | GPA: 17.3/20*

## RESEARCH EXPERIENCE & PROJECTS

**GOVERNMENTS' ECONOMIC SUPPORT FOR HOUSEHOLDS DURING THE COVID-19 PANDEMIC AND CONSUMER CONFIDENCE - REPLICATION**            **2025**  
*Dr. Mohammad Vesal | Sharif University of Technology*

- Replication of an article by Prof. Farzanegan using the OECD data of 25 countries CDI with various regression models

**DESIGNING A HYBRID-ELECTRIC REGIONAL TURBOPROP AIRCRAFT**            **2022-2023**  
*Dr. Malaek | Sharif University of Technology*

- Conceptual Design of sustainable hybrid-electric turboprop according AIAA RFP
- In this process, Weight Sizing, Performance Sizing, Sensitivity Analysis, and Configuration Selection of Airplane was completed

**RESEARCH ASSISTANT**            **2019-2020**  
*Sharif Aerodynamics Research Laboratory | Sharif University of Technology*

- Participating in building and setting up a Subsonic wind tunnel
- Calibrating pressure sensors and extracting data

## SELECTED COURSES

**B.Sc**            • Operation Research  
                  • Special Topics in Sustainability

<b>M.Sc</b>	<ul style="list-style-type: none"> <li>• Game Theory</li> <li>• Development Economics</li> <li>• Industrial Organizations</li> <li>• Advanced Concepts in Design</li> </ul>
<b>Online (Coursera)</b>	<ul style="list-style-type: none"> <li>• Computational Social Science Specialization - University of California, Davis</li> <li>• Data Science: Foundations using R Specialization - Johns Hopkins University</li> <li>• Machine Learning with Python - IBM</li> <li>• Network Dynamics of Social Behavior - University of Pennsylvania</li> <li>• Social and Economic Networks: Models and Analysis - Stanford University</li> </ul>

## TEACHING ASSISTANT

<b>AUTOMATIC CONTROL</b>	<b>2022</b>
<i>Dr. Alireza Sharifi   Sharif University of Technology</i>	
<b>NUMERICAL METHODS</b>	<b>2023</b>
<i>Dr. Mohammad Mehdi Salehi   Sharif University of Technology</i>	
<b>ENGINEERING PROBABILITY AND STATISTICS</b>	<b>2023</b>
<i>Dr. Maryam Kiani   Sharif University of Technology</i>	

## ACHIEVEMENTS

- Selected as an exceptional graduate of my department by the academic administration of Sharif University of Technology - 2022
- Credited to enroll in Master Program of Economics in Sharif University of Technology - 2022
- Ranked top 1% in National Universities Entrance Exam - 2018

## SKILLS

<b>Mechanical Simulation and Analysis</b>	Simulink - Ansys Fluent
<b>Modeling and Simulation</b>	Gephi - NetLogo
<b>Computational</b>	Matlab - Stata
<b>Programming</b>	R - Python
<b>Miscellaneous</b>	LaTeX - EES

<b>Languages</b>	<ul style="list-style-type: none"> <li>• Persian (native)</li> <li>• English (TOEFL iBT scores 102)</li> <li>• Score of 166 on GRE Quantitative Section</li> </ul>
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## EXPERIENCES

<b>Students Council</b> <b>2021- 2023</b>	Head of Department Students Council Head of Academic Section of the department's Students Council Working Voluntarily as a member of University Student Council to keep the council functional
<b>Yarigaran Charity<sup>1</sup></b> <b>2020-2021</b>	Member of Central Council (Cultural Studies) Editor In Chief of Kish-e-Mehr Journal

<sup>1</sup>A group of students willing to take part in improving educational justice by providing classes and educational content for children in need, and raising awareness about social and educational justice among people.