Ali Jafarzadeh

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EDUCATION

University of Colorado Boulder — Boulder, Co, USA
Ph.D. in Business Administration(Finance) — Aug 2023- May 2028

Tarbiat Modares University — Tehran, Iran
M.Sc. in Theoretical Economics — Sep 2021- May 2023

University of Tehran — Tehran, Iran
B.Sc. in Food Machinery Engineering — Sep 2013- Feb 2019

WORK IN PROGRESS

–**Master Thesis:** Creating a Portfolio Recommendation System with a Hybrid SVAR-LSTM Model for the Cryptocurrency Market

TEACHING EXPERIENCE

Teaching Assistant — Tarbiat Modares University
- Advanced Econometrics, Workshops in R, and LaTeX — Sep 2022 - May 2023

RESEARCH INTERESTS

Quantitative Finance, Asset Pricing, Risk and Volatility

SELECTED COURSES

- **Graduate Courses**
  Stochastic Processes, Linear Algebra, Real Analysis, Advanced Macroeconomic, Advanced Microeconomics, Advanced Econometrics, Time Series Econometrics

- **Undergraduate Courses**
  Calculus I, Calculus II,Statistics, Numerical Analysis, Differential Equations(ODE), Engineering Mathematics(PDE)

COMPUTER SKILLS

- **Programming Languages:** Python, R

- **Tools and Skills:** Machine Learning, Text Mining, Data Mining, Deep Learning, LaTeX, SQL Server, Power BI, Tableau, Eviews

TEST SCORES

- **IELTS:** Overall 7.5
  L:8, R:8, S:7, W:7

- **GRE:** Overall 332
  Quantitative: 166, Verbal: 166, AWA: 4.5

HONORS

- Ranked first in the Economics Department at Tarbiat Modares University — 2022
- Ranked among the top 1% in the national university entrance exam for graduate studies — 2021
- Ranked among the top 2% of participants in the national university entrance exam — 2013
- Member of UT's Volleyball team(Ranked 2_{nd} in the national Competitions) — 2013 – 2018