

# Amir Kiani

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## Education

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### MBA in Finance

Sept 2019 – Sep 2023

University of Kashan

- GPA: 17.68/20
- **Coursework:** Microeconomics, Meta-heuristic Optimization, Statistics, Financial Markets and Institutions

### BSc. in Chemical Engineering

Sept 2012 – Sep 2017

Petroleum University of Technology

- GPA: 13.68/20
- **Coursework:** Calculus I & II, Differential Equations, Engineering Mathematics, Numerical Analysis

## Research Experience

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### Identification and Prioritization of The Factors Affecting Herding Behavior of Investors in Tehran Stock Exchange Market

2023

MBA Thesis, University of Kashan

- Conducted comprehensive research in behavioral finance, focusing on herding behavior among investors.
- Applied the Analytical Hierarchy Process (AHP) to prioritize psychological, financial, and market-related factors.
- Designed structured questionnaires and collected insights from industry professionals and market analysts.

## Research Interests

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Econometrics, Financial Derivatives, Machine Learning Applications in Finance, Algorithmic Trading

## Teaching Experience

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### GMAT/Mathematics Instructor

Jan 2023 – Present

OstadBank (Freelance)

Tehran, IR

### Teaching Assistant for Financial Management

Fall 2019 & Fall 2020

University of Kashan

Kashan, IR

## Test Scores

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GRE General Score: 336 (Q: 170, V: 166, W: 4.5)

Dec 2024

TOEFL iBT Score: 106 (R: 29, L: 29, S: 25, W: 23)

Oct 2024

## Professional Experience

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### Portfolio Management Associate (Resumed Role)

Feb 2021 – Dec 2022

Kise Talaei Zayandehroud (Full-Time)

### Portfolio Management Associate

Dec 2017 – Aug 2019

Kise Talaei Zayandehroud (Full-Time)

### Director of IT Services, Students' Union

2013 – 2017

Petroleum University of Technology

### Founder and Chair, Foreign Language Development Center

2012 – 2016

Petroleum University of Technology

## Skills

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**Programming:** Python (Pandas, Numpy, Matplotlib), R (ggplot2, dplyr, tidyr), SQL, HTML, CSS

**Project Management and Workflow Tools:** Git, Docker, ClickUp, Notion, Trello, L<sup>A</sup>T<sub>E</sub>X, Markdown

## Awards and Honors

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**Ranked in the 98<sup>th</sup> percentile in the university entrance exams**

*2012 & 2022*

**Full Scholarship with Stipend by Ministry of Petroleum of Iran**

*Undergraduate Studies*

**Commendation Letters for Campus Contributions**

*14 incidents in 5 years*

## Projects

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**Developing a Learning Management System for GRE Preparation**

*Ongoing*

*Independent Project*

**Presenting Ant-Colony Algorithm**

*Jan 2019*

*Meta-heuristic Optimization Course, Kashan University*

**Developed a Mathematics Learning Management System**

*Sep 2018*

*Independent Project*

## Certificates

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**Mathematics for Machine Learning: Linear Algebra**

*Imperial College London - Dec 2023*

**Mathematics for Machine Learning: Multivariate Calculus**

*Imperial College London - Dec 2023*

**Advanced R Programming**

*The Johns Hopkins University - Dec 2023*

**Statistics**

*365 Data Science - Nov 2023*

**Supervised Machine Learning: Regression and Classification**

*DeepLearning.AI - Nov 2023*

**Python, Pandas, and Introduction to Machine Learning**

*Kaggle - Jun 2023*