



# AHMAD JAMALI

DATA SCIENTIST & PHYSICIST

## CONTACT



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## EDUCATION

2024 - 2024

### THE UNIVERSITY OF TEXAS AT AUSTIN

- Post Graduate Program in Data Science and Business Analytics
- GPA: 4/4

2011 - 2014

### YAZD UNIVERSITY

- Master of Science in Elementary Particle Physics
- GPA: 3.4 / 4.0

2005 - 2011

### SHAHREKORD UNIVERSITY

- BSc in Mechanical Engineering of Biosystem

## SKILLS

- Data Science
- Computer Programing
- Research
- Presentation
- Critical Thinking

## PROFILE

As a Data Scientist and Physicist with over five years of experience in research, teaching, and publication, I possess robust background in coding, mathematics, and statistics.

My primary interest lies on leveraging AI to address challenges in algorithmic trading. I am currently engaged in developing Deep Reinforcement Learning as a natural framework to train AI for trading on several market within short time frames.

## POSITION/EXPERIENCE

- Shahrekord University** 2020 - PRESENT  
Adjunct Professor
  - Teaching physics lab courses.
- Shahrood University of Technology** 2021 - 2022  
Graduate Research Assistant
  - One year of research with Professor S. Ali Hosseini Mansoori on ADS/CFT.
- Visiting lecturer** 2017 - 2021
  - Throwing academic workshops on "Quantum Field Theory" at different universities for 4 years.
- Yazd University** 2021 - 2022  
Graduate Research Assistant
  - One year of research with Professor S. Ali Hosseini Mansoori on ADS/CFT.

## PUBLICATION

- Physical Review D MAR 2021  
"Mass Corrections to the DGLAP Equations"  
A. Jamali, A. Mirjalili
- Journal of High Energy Physics (JHEP) JAN 2019  
"Unbalanced Stückelberg Holographic Superconductors"  
A. Jamali, S.A.Hossen Mansoori
- Nuclear and Particle Physics Proceedings 294-296 JAN 2019  
"Quark density operators within the MOM scheme in the light-front formulation"  
A. Mirjalili, A. Jamali, ....