

# Mohammad Amir Jamali

I hold a Master's degree in Information Technology Engineering - E-Commerce, and I have established a strong foundation in various programming languages. In addition to my programming skills, I have developed a keen interest in the fields of Machine Learning and Quantum Computing (QML). Furthermore, I possess a wealth of experience in successfully launching and overseeing startup ventures.

## EDUCATION

### ● Master's in Information Technology Engineering - E-Commerce

Islamic Azad University, Birjand branch

09/2017 - 11/2019

### ● Bachelor's in Industrial Engineering

Payam Noor University, Birjand branch

11/2009 - 02/2014

## RESEARCH

- An introduction to Quantum Computing; Advantages and challenges ([6<sup>th</sup> National Conference on Distributed Computing and Big Data Processing](#)) – 2021  
[English version](#)
- Comparison of the local generalization error model (LG Trader) with the exponential moving average (EMA) in selecting stocks with the highest return rate – 2019 ([Fourth National Conference on Applied Research in Electrical Engineering, Mechanics, Computer and Information Technology](#))  
  
Predicting Bitcoin price with Bayesian Neural Network by using COT weekly report(Master's thesis) – 2019 [English version](#)

## SELECTED HONORS AND AWARDS

- Involved in finalists of **UCL Hatchery Social Enterprise Award** with **Enviroble.Ltd** (**Santander Awards 2022**)
- Ranked as the **second-highest** GPA among MSc students in the Computer Science faculty, with a **GPA of 3.88/4**.

## EXPERTISE

- **Machine Learning**
- **Microsoft Certified IT Professional** (Network+, Active Directory, Network Infrastructure...)
- **Programming Languages:**
  - **JS:** JavaScript, Node, React, AJAX, NextJs, Express, Redux, Socket.io (MERN Stack)
  - **PHP:** WordPress Theme and Plugins Customization – Full Stack
  - **Python:** Web scraping (Scrapy, Selenium), Django (DRF, Redis, Celery, PyTest, Locust, Silk, Postgresql), Cirq(Quantum Computing), TensorFlow
  - **MQL (c++):** Expert Advisor programing

## WORK EXPERIENCE

- CTO**  
[Enviroble.com](#)  
**University College London BaseKX**  
*03/2021 – 11/2022* *London-UK*
- Full Stack Developer**  
[cikit.ir](#)  
*06/2020 – 02/2021* *Mashhad-Iran*
- Founder**  
Tradeoption.ir  
*01/2020 – 06/2020* *Mashhad-Iran*
- Founder**  
Class724.ir  
**Science and Technology Park of South Khorasan**  
*05/2017 – 11/2019* *Birjand-Iran*
- Partner**  
[Daneshjooyar.com](#)  
**Science and Technology Park of South Khorasan**  
*10/2015 – 01/2017* *Birjand-Iran*

## FAMILIAR WITH

- AWS DevOps
- System Design
- Microservice Architecture
- Jenkins
- Git / GitLab
- Github Actions
- Agile Methodologies
- RabbitMQ
- Travis-CI
- Docker
- kubernetes
- Postgrsql
- MongoDB
- Cassandra
- Terraform

## SKILLS

- Collaborative
- Flexibility
- Studious
- Positive Engagement
- Initiative Driven

## INTERESTS

- Music
- Workout
- Travel
- Environmental Activities
- Technology

## LANGUAGES

- English  
Fluent
- Arabic  
Native
- Farsi  
Native