

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 ([6th 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
 - **ML (c++):** Expert Advisor programing

WORK EXPERIENCE

CTO

[Enviroble.com](https://enviroble.com)

Environmental Social Platform, supported by University College London

University College London BaseKX

03/2021 – 11/2022

London-UK

Software Engineer/Founder

Tradeoption.ir

Algorithmic trading platform to contribute to Stock Options Contracts Trading.

01/2020 – 02/2021

Mashhad-Iran

Software Developer/Co-Founder

Class724.ir

Learning Management System (LMS) to facilitate the teaching of programming skills.

Science and Technology Park of South Khorasan

05/2017 – 11/2019

Birjand-Iran

Partner

[Daneshjooyar.com](https://daneshjooyar.com)

Working on collaborative project, which paved the way for me to launch Class724.

Science and Technology Park of South Khorasan

10/2015 – 01/2017

Birjand-Iran

FAMILIAR WITH

AWS DevOps

System Design

Microservice
Architecture

Jenkins

Git / GitLab

RabbitMQ

Github Actions

Agile Methodologies

kubernetes

Travis-CI

Docker

Cassandra

Postgresql

MongoDB

Terraform

SKILLS

Collaborative

Flexibility

Studious

Positive Engagement

Initiative Driven

INTERESTS

Music

Workout

Travel

Environmental Activities

Technology

LANGUAGES

English
Fluent

Arabic
Native

Farsi
Native