

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.

EXPERTISE

- **Machine Learning** (BNN, ARIMA, K-means Clustering, Gaussian Mixture Models, ...)
- **Microsoft Certified IT Professional** (Network+, Active Directory, Network Infrastructure...)
- **Software Engineering:**
 - Cross-Compilation and Toolchain Setup (Crosstool-NG, Yocto Project Compilation)
 - Linux Systems and Embedded Development
 - Software (GCC, Clang, Make, CMake)
- **Programming Languages:**
 - **JS:** JavaScript, Node, Angular, React, AJAX, NextJs, Express, Redux, Socket.io(MERN Stack)
 - **PHP:** WordPress Theme and Plugins Customization- Full Stack (Creating theme with FSE support, Creating Gutenberg Blocks, Woocommerce full customization, Stripe Connect, WC Vendor, Redis, Elastic Search, Elementor, WP CLI...),
 - **Python:** Web scraping (Scrapy, Selenium), Django (DRF, Redis, Celery, PyTest, Locust, Silk, Postgresql), Cirq(Quantum Computing), TensorFlow
 - **MQL (c++):** Expert Advisor programing
 - **JAVA**
- **DevOps & Tools:**
 - AWS, GCP, Terraform, Docker, Kubernetes
 - CI/CD: Jenkins, GitHub Actions, GitLab Pipelines, Travis CI
 - Version Control: Git, GitLab
- **Databases:**
 - PostgreSQL, MongoDB, Cassandra, MySQL
- **System Design:**
 - Microservices Architecture, Kafka, Rabbit MQ, Prometheus, Cloud RUN,

WORK EXPERIENCE

- **Software Engineer**
[Pangian.com](#)
Remote community worldwide
08/2023 – Now *San Francisco - USA*
- **Software Engineer / CTO**
[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
05/2015 – 11/2019 *Birjand-Iran*

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](#)

SKILLS

Collaborative

Flexibility

Studious

Positive Engagement

Initiative Driven

INTERESTS

Music

Workout

Travel

Quantum Computing

Environmental Activities

Technology

Machine Learning

LANGUAGES

English

Fluent

Arabic

Native

Persian

Native

French

Elementary