



MOHAMMAD AMIN MIR HOSSEINI

Programmer and Developer

Contact

mirhoseini.m.amin@gmail.com

+98 915-174-2003

Education

- **B.Sc. University**
Ferdowsi University of
Mashhad
Completed in 2017
Biotechnology Eng.
- **M.Sc. University**
Ferdowsi University of Mashhad
Completed in 2020
Bioinformatic Eng.

Skill

- Domain Expertise:
 - Machine Learning
 - Deep Learning
 - Cybersecurity
- Programming Languages:
 - Python
 - C++
 - Java
 - JavaScript

Profile

I am Mohammad Amin Mirhoseini, born on 29/6/1995, with a background in Biotechnology from Ferdowsi University of Mashhad. Currently, I am a PhD candidate at Imperial College London. With over 8 years of programming experience, I have dedicated 6 years to artificial intelligence and 2 years to cybersecurity. My expertise includes working on advanced AI projects, machine learning applications, and performing penetration testing and threat assessments in cybersecurity.

Work Experience

○ Machine Learning Research Assistant

Innovation Center, Ferdowsi University

2017 – 2020

Developed and managed multiple photo bioreactors utilizing machine learning algorithms to optimize and enhance performance. Led experiments to refine data models, contributing significantly to bioreactor design and functionality improvements.

○ Research Scientist – Drug Delivery

Innovation Center, Ferdowsi University

2020 – 2021

Applied deep learning models to accelerate drug development and improve cancer diagnosis accuracy. Focused on creating predictive algorithms for identifying effective drug compounds and early detection markers, significantly advancing research in the field.

○ Freelance Cybersecurity & Penetration Tester

2021 – 2024

Provided freelance cybersecurity services with a focus on penetration testing, vulnerability assessment, and threat analysis. Ensured comprehensive security testing for clients across multiple industries, identifying vulnerabilities and recommending strategic solutions to improve system defenses.