



Amir Masoud Nourollah

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📍 Iran
🎂 1997, August

📄 Google Scholar
● StackOverflow
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INDUSTRIAL EXPERIENCES

Jan 2023
now

Machine Learning Researcher

NOBKA · Iran 📍



- Meaningful sentence generation using some random letters
- TTS and STT for voice conversion
- Lossy and lossless steganography for image to image, text to image, and text to text

Jul 2021
Jul 2022

Computer Vision Engineer

NOVE · Iran 📍



- Aerial image segmentation
- Common object detection
- Realtime cough detection

Nov 2017
Jan 2021

Software Developer

FARADID PAYESH SYSTEM · Iran 📍



- Cross-platform navigation app
- Messenger multi-threading core
- Linux administration

EDUCATION

2024

Ph.D. Student in Computer Science

CARDIFF UNIVERSITY · United Kingdom 📍



2020
2023

Master of Science in Computer Science

SHAHROOD UNIVERSITY OF TECHNOLOGY · Iran 📍



- **Thesis:** Using deep learning to detect neurons and segment them either binary or semantic for their components to compute their length in fluorescence microscopy images.
- **Teaching Assistant:** Neural Networks and Deep Learning - Digital Image Processing - Big Data and Scalable Machine Learning.
- **GPA:** 3.8
- **Rank:** 2 among 30

2017
2020

Bachelor of Science in Chemistry- Information Technology

ISLAMIC AZAD UNIVERSITY, TEHRAN NORTH BRANCH · Iran 📍



- **Activities:** Using PET as a catalyst to produce bio-diesel.
- **GPA:** 3.4
- **Rank:** 1 among 90

SKILLS

PROGRAMMING Python, C++

FRAMEWORKS PyTorch, Django, FastAPI, SQLAlchemy

TOOLS Linux, Git, Docker, Docker-Compose, SQLite, PostgreSQL

