

An enthusiastic, creative and fresh engineer who is a self-starter and capable to use technical skills for the improvement of the company. A master's degree in Software Engineering has enhanced my proficiency in developing deep learning applications such as Using the CNN Models in Image Processing and looking forward to work in a competitive environment that enhances overall learning.

EDUCATION

Master of Science in Computer Engineering -software

Qom University of Technology, Qum, IR

09/2019 - Present

GPA: 4/4 (18.22 / 20)

Data Mining_ Advanced Network_ Embedded Systems_ Distributed Systems_ Advanced Software Testing and etc.

- Supervisor: Doctor. [Morteza Mohajjel Kafshdooz](#)
- Advisor: Doctor. Abdolreza Rasouli Kenari
- Thesis: " Deep Neural Network Acceleration For Objects Detection on embedded systems Using Quantization Techniques "

Bachelor of Science in Computer Engineering - Information Technology

Ayandegan College of

Tonekabon, Mazandaran, IR

09/2015 - 06/2019

highest ranking student

Courses

- Thesis: " extract keywords from input NLP sentences "
- Supervisor: Doctor. Homayoun Beheshti

WORK EXPERIENCE

AI Engineer ETCuniverse

11/2021 - 05/2023

Iran, Teh

At ETC Group, we focus on advanced AI and IoT-based equipment and services, from sensory signals to health-related data, from health data, all human-related data, to advanced intelligent lifestyles, advanced diagnostic, therapeutic, and telemedicine methods.

Achievements/Tasks

- Developing CASA/Daddycheck applications accuracy to 94%
- Reaseching and build project plan for Non-invasive blood glucose level predictions
- Reaseching and build project plan for embryo classification and quliy predictions

Software Engineer(amriye) Ministry of Information and Communications Technology

05/2023 - Present

Iran, Teh

Achievements/Tasks

- Research and Develop(part-time)

SKILLS

Python (TensorFlow, PyTorch*, NumPy, SciPy, Keras, scikit-learn, pandas, opencv)

Linux(lp1c1)

SQL(Mongodb, PostgreSQL)

Other Programming languages(python, C, C++, Ruby)

Computer Vision

Researching

Git

PROJECTS

Implementation of some Machine Learning Algorithms such as Multiple Linear Regression

Implementation Ghostnet-architecture and other architectures(transfer learning) in TensorFlow-Keras

- implementation: bidet and yolox

Birthday attack, One-time pad, elgamal and other projects in the security course

Embryo classification and quliy predictions

CASA project detect and tracking sperm in the semen used by ivf (12/2021 - 01/2022)

Daddy check (mobile app backend)

Non-invasive blood glucose level predictions(PPG signal) (01/2022 - 01/2023)

Portfolio creation with django and etc.

RESEARCH EXPERIENCES

Increasing the speed of cell detection using quantized neural network (paper published in CSE2022) (04/2021 - 06/2022)

<https://civilica.com/doc/1548393>

Review of ROS an open source robot operating system (02/2018 - 03/2019)

<https://civilica.com/doc/867725>

LANGUAGES

Persian

Native or Bilingual Proficiency

English

Full Professional Proficiency