

EDUCATION

University of Mohaghegh Ardabili

[Times Ranking] [website] Ardabil, Ardabil

Bachelor of science in computer engineering

2018–2022 (Expected)

- Cumulative **GPA: 3.72/4** (17.82/20) - till now via 108 credits
- **Ranked 3th** cumulative GPA within the **top 5% of graduating** class (among 41 students)

RESEARCH INTERESTS

Deep Learning , Machine Learning, Computer vision, Visualization, Natural Language processing.

Computer Vision : Object detection, Image Classification, image Segmentation, Object Tracking, Human Activity Tracking

HONORS & AWARDS

- Awarded **distinguished student** in the department of electrical and computer engineering 2018–current
- **Ranked 3th** in Ardabil programming contest May–2019
- **Top 2 %** in the Iranian national university entrance exam among **300,000** participants. june–2018

PROJECTS

See full list of projects on github.com/AshkanGanj

- **CIFAR-10 classification (Python,Keras, 2020)**
classify 50000 images in 10 classes with CNN [Github]
- **Pneumonia Detection (Python,Keras, 2021)**
classify x-ray images with CNN [Github]

TEACHING ASSISTANT

Discrete Mathematics : The department of computer engineering Instructor : Masumeh Kheyri	winter 2021
Software engineering : The department of computer engineering Instructor : Ahmad Taghinejhad	Fall 2021
Data structure and Algorithm : The department of computer engineering Instructor : Masumeh Kheyri	Fall 2021

PUBLICATIONS

1. **A. Ganj** and Y. Shokri, “Solving N-puzzle Problem by A* Algorithm and a New Heuristic Function”, *Journal of Experimental Theoretical Artificial Intelligence*, September 2021 (Under Review)
2. **A. Ganj**, M. Darvish, and M.poramini “Art Generation in Deep Learning:A Survey”, Oct 2021 (In preparation)

SKILLS

- **Programming Languages:**
Python, C++, TypeScript, JavaScript
- **Machine learning and Deep learning:**
Tensorflow, Scikit-learn, Matplotlib, Pandas, Numpy, Jupyter-Notebook
- **Databases:** PostgreSQL, MySQL
- **Operating System:** Microsoft Windows, Debian GNU/Linux
- **Front-end:** Angular, Html, CSS
- **Back-end:** Django, Flask

LANGUAGES

- **Persian:** Native
- **Turkish-Azari:** Native
- **English:** Last IELTS Mock 7.5, Scheduled For 11 Oct

GRE

- **GRE:** Scheduled For 30 Nov

TECHNICAL EXPERIENCE

Access Endless Communication(AEC)

Front-end Developer

[\[website\]](#) - Tehran

2020-2021

Captain Team

Front-end Developer

[\[website\]](#) - California

2020-2021

University of Mohaghegh Ardabili

Full-Stack Developer

Ardabil, Ardabil

2018-2019

COURSES

Deep Learning Specialization

Authorized by DeepLearning.AI and offered through Coursera

Instructor: Andrew Ng

[\[Certificate\]](#)

2021

- Neural Networks and Deep Learning [\[Certificate\]](#)
- Hyperparameter Tuning, Regularization and Optimization [\[Certificate\]](#)
- Structuring Machine Learning Projects [\[Certificate\]](#)
- Convolutional Neural Networks and Sequence Models [\[Certificate\]](#)
- Sequence Models [\[Certificate\]](#)

Machine Learning

Offered by Stanford University through Coursera

Instructor: Andrew Ng

[\[Certificate\]](#)

2020-2021

- Skills Gained : Logistic Regression, Artificial Neural Networks, Machine Learning Algorithms, Machine Learning

REFERENCES

Shahram Jamali

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