

Nima Hosseini Dashtbayaz

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Education

Amirkabir University of Technology

B.Sc. in Computer Science

Tehran, Iran

2018–2022 (expected)

- Overall GPA: 19.02/20 (4/4)
- Ranked first GPA in my graduating class
- Selected Courses: Artificial Intelligence: 20, Linear Optimization: 20, Numerical Linear Algebra: 20, Compilers: 19.5

Imam Reza High School

Diploma in Mathematics and Physics

Mashhad, Iran

2014–2018

- Grade: 19.47

Skills

- **Programming Languages:** Python, Java, C, R
- **Libraries and Frameworks:** Keras, TensorFlow, Scikit-Learn, Numpy, Android
- **Environments and Tools:** Linux, Git, Postman
- **Miscellaneous:** \LaTeX , Lindo

Experience

Research Assistant

Data Science Innovation Center

Amirkabir University

July 2021 –present

- Supervisor: Dr. Mohammad Akbari
- Subject: Driver Monitoring with Computer Vision

Undergraduate Teaching Assistant

Faculty of Mathematics and Computer Science

Amirkabir University

February 2021 –present

- **Artificial Intelligence** - Instructor: Dr. Marjaneh Goodarzi
- **Introduction to the Theory of Computation** - Instructor: Dr. Fatemeh Zare Mirakabad

Students' Scientific Chapter

Head of Research Committee

Amirkabir University

September 2020–September 2021

- Chief Editor of Halgheh journal

RNS Assistant Team

Android Developer at RNS-Assistant health care startup

Amirkabir University

July 2019–May 2020

- Designed and developed Symptom Checker application.

Projects

Recommender System for MovieLens Dataset

Artificial Intelligence Course - [GitHub](#)

Amirkabir University

Spring 2021

- The system includes two separate models for learning ratings and tags.
- Based on Autoencoders

Nine Men's Morris GameArtificial Intelligence Course - [GitHub](#)

Amirkabir University

Spring 2021

- Implements adversarial search based on minimax and Alpha-beta pruning algorithms.

Leasy: An Android Application for Sharing Educational ContentSoftware Design Course - [GitHub](#)

Amirkabir University

Fall 2020

- The project was managed using Scrum Methodology.

Client - Server Model with Shared MemoryOperating Systems Course - [GitHub](#)

Amirkabir University

Spring 2020

- Implementation of a client and a server, that the server can handle many clients simultaneously.

Certificates

- **Deep Learning Specialization:** [Coursera.org](#)

Languages

- **Persian:** Native
- **English:** Fluent
 - TOEFL IBT scheduled for October 9th.
 - GRE scheduled for November 10th.