

# Nima Hosseini Dashtbayaz

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## Education

### Amirkabir University of Technology

B.Sc. in Computer Science

Tehran

2018–present

- Overall GPA: 19.02/20 (4/4)
- Degree anticipated June 2022
- 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

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:** L<sup>A</sup>T<sub>E</sub>X, 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

Introduction to the Theory of Computation

Amirkabir University

Spring 2021

- 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

## **Leasy: An Android Application for Sharing Educational Content**

Software Design Course - [GitHub](#)

Amirkabir University

Fall 2020

- The project was managed using Scrum Methodology.

## **Client - Server Model with Shared Memory**

Operating Systems Course - [GitHub](#)

Amirkabir University

Spring 2020

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

## **Certificates**

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

## **Languages**

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