

# Nima Hosseini Dashtbayaz

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## Education

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### Amirkabir University of Technology

Tehran

B.Sc. in Computer Science

2018–present

- Overall GPA: 19.02/20 (4/4)
- Degree anticipated June 2022
- Ranked in the top 10% of my class
- Selected Courses: Artificial Intelligence: 20, Linear Optimization: 20, Numerical Linear Algebra: 20, Compilers: 19.5

### Imam Reza High School

Mashhad

Diploma in Mathematics and Physics

2014–2018

- Grade: 19.47

## Skills

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

## Experience

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### Undergraduate Teaching Assistant

Amirkabir University

Artificial Intelligence

Fall 2021

- Instructor: Dr. Marjaneh Goodarzi

### Research Assistant

Amirkabir University

Data Science Innovation Center

July 2021–present

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

### Undergraduate Teaching Assistant

Amirkabir University

Introduction to the Theory of Computation

Spring 2021

- Instructor: Dr. Fatemeh Zare Mirakabad

### Students' Scientific Chapter

Amirkabir University

Head of Research Committee

September 2020–September 2021

- Chief Editor of Halgheh journal

### RNS Assistant Team

Amirkabir University

Android Developer at RNS-Assistant health care startup

July 2019–May 2020

- Designed and developed Symptom Checker application.

## Projects

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### **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