Nima Hosseini Dashtbayaz

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Education

Amirkabir University of Technology   Tehran
B.Sc. in Computer Science   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   Mashhad
Diploma in Mathematics and Physics   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

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

Recommender System for MovieLens Dataset   Amirkabir University
Artificial Intelligence Course - GitHub   Spring 2021

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

Nine Men's Morris Game   Amirkabir University
Artificial Intelligence Course - GitHub   Spring 2021

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

Leasy: An Android Application for Sharing Educational Content   Amirkabir University
Software Design Course - GitHub   Fall 2020

- – The project was managed using Scrum Methodology.

Client - Server Model with Shared Memory   Amirkabir University
Operating Systems Course - GitHub   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.