



Amirhossein Arefzadeh

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Home: Saravily st Apartment 49, unit 2, mashhad (Iran)

EDUCATION AND TRAINING

B.S. in Computer Science and engineering

University of Tehran [01/09/2022 – Current]

City: Tehran | Country: Iran | Website: <https://ece.ut.ac.ir/en/ece>

- GPA : 18.86 / 20.0 (Faculty Average: 14.96/20)

Highschool Diploma in Mathematics

Ario Mosallanezhad [01/09/2019 – 01/06/2022]

City: Mashhad | Country: Iran

- GPA : 19.07 / 20.0

HOBBIES AND INTERESTS

Research Interests

- Artificial Intelligence and Machine Learning
- data analytics and data science
- algorithms

VOLUNTEERING

[01/08/2024 – Current] University of Tehran

Advanced Programming Teaching Assistance

- Designing computer projects and receiving them from students
- Collaborate in writing course journals about programming

[01/08/2024 – Current] University of Tehran

Data Structures and algorithms Teaching Assistance

- Design questions from lesson topics

[01/02/2024 – Current] University of Tehran

Discrete Mathematics Teaching Assistance

- Design questions from lesson topics

Introduction to Computing Systems and Programming Teaching Assistance

- Conducting troubleshooting classes and solving exercises for student
- Record lesson videos for students

HONOURS AND AWARDS

Sanjesh Organization

Ranked 813th in Iran's National University Entrance Exam

- among top 0.5% of participants

PROJECTS

Engineering Probability & Statistics Projects

- CA 0 : Text processing by Bayes Theorem
- CA 1 : Working with probability distributions
- CA 2 : Conditional distribution and moment generating function
- CA 3 : Autoencoder models, regression, central limit theorem and sampling

Link: <https://github.com/Amir-rfz/EPS>

Plants vs Zombies The Game

- implementation Plants vs. Zombies Game with Simple and Fast Multimedia Library (SFML) that is a cross-platform software development library designed to provide a simple application programming interface (API) to various multimedia components in computers that written in C++.

Link: <https://github.com/Amir-rfz/Plants-vs-Zombies-Game>

Simple College Website

- Building a simple university website with AP HTTP that is a simple web application server-side blocking framework for C++

Link: <https://github.com/Amir-rfz/Simple-College-Website>

LANGUAGE SKILLS

Mother tongue(s): Persian

Other language(s):

English

LISTENING B2 **READING** C1 **WRITING** B1

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user