

Alireza Eslamikhah

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EDUCATION

B.Sc. in Computer Engineering

Iran University of Science And Technology
Among the [Top 4 Universities](#) in Iran

Oct 2020 - Sept 2024
Tehran , Iran

GPA of the Last Two Years: **3.75/4.0** (17.3/20.0 in Iranian Scale)

Overall GPA: **3.6/4.0** (17 /20.0 in Iranian Scale)

Selected Courses (in Iranian Scale): Data Communication: 20/20 , Compiler Design: 19/20 , Database Design: 19/20 , Software Engineering: 17/20 , Operating Systems: 17.6/20 , Computer Aided Design: 19.5/20 , Advanced Programming: 17.24/20

Diploma in Mathematics and Physics

Mobtakeran High School
Overall Grade: 19.04/20 in Iranian Scale

2016-2020
Tehran , Iran

RESEARCH INTERESTS

Software Engineering
Cloud Engineering

Distributed Systems
Artificial Intelligence

Human Computer Interaction
Operating System

RESEARCH EXPERIENCE

Research Assistant at Distributed Systems Laboratory

Under supervision of **Dr.RezaEntezariMaleki**

July 2023 – Current
IUST University

- Conducted research on data traffic classification in networks
- Focusing on concept evolution, handling unbalanced data, and utilizing various active learning frameworks to enhance classification accuracy.
- Analyzing and interpreting data to support the development of innovative solutions for network management challenges.

SKILLS

Programming Languages: Python , C++ , C , C# , Java , Kotlin , SQL , HTML , CSS

Web Frameworks: ASP.NET, Django

Database: PostgreSQL , MSSQL

Soft Skills: Teamworking , Communication , Adaptability, Creativity

Other Skills: GIT, Azure Devops , Cisco Packet Tracer , Wireshark , Android Studio , Linux

ACADEMICAL EXPERIENCE

Teaching Assistance	Sep 2022 – Sep 2024
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Operating System	Fall 2024
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Instructor: <u>Dr. Reza Entezari Maleki</u>	
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Operating System	Fall 2024
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Instructor: <u>Dr. Vahid Azhari</u>	
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Compiler Design	Spring 2024
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Instructor: <u>Dr. Saeed Parsa</u>	
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DataBase Design	Spring 2023
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Instructor: <u>Dr.Hossein Rahmani</u>	
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Fundamentals of Programming	Fall 2023
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Instructor: <u>Dr.Mehrdad Ashtiani</u>	
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Computer Architecture	Spring 2024
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Instructor: <u>Dr.Amir Mahdi Hosseini Monazzah</u>	
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Discrete Mathematics	Spring 2024
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Instructor: <u>Dr.Vesal Hakami</u>	
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Data Communication (Head TA)	Spring 2024
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Instructor : <u>Dr.Marzieh Sheikhi</u>	
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RELATED EXPERIENCE

Internship	2021 - 2022
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Software Engineering (BackEnd) Internship at Hasin Company	
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Focusing On ASP.NET Framework and C#	
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Volunteer Member of Computer Engineering Scientific Association	2022 - 2024
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Assisting in the production of podcasts	IUST
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Organizing the graduation ceremony	
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PROJECTS

Vakil Pors

Backend Developer in VakilPors Project based of ASP.NET framework. VakilPors is a website for finding the suitable lawyer you want and solving your legal issues. The website contains many features such as Chat Box, Video call, Telegram bot and many other things. Actually, our project ranked the top project in Software Engineering course that semester.

Genetic Programming

This project utilizes genetic programming to discover a mathematical equation. Genetic programming evolves a population of potential equations to identify the one that best fits the desired criteria or dataset.

Samarium

The Samarium Project is an Android app developed with Kotlin in to networks improve performance by measuring QoE parameters from an end user's perspective.

TLA Project

University project for the course “Theory of Languages and Automata” implementing the algorithms of DFA, NFA and Turing machine

HONORS & CERTIFICATES

<i>Ranked within Top 1% in Iranian University Entrance Exam</i>	<i>July 2020</i>
Mathematics and Physics Major	

<i><u>Data Structures</u></i>	<i>Jan 2022</i>
Certificate earned from UC San Diego in Coursera	

<i><u>Algorithmic Toolbox</u></i>	<i>Nov 2022</i>
Certificate earned from UC San Diego in Coursera	

LANGUAGES

Persian : Native Proficiency

English : Full Professional Proficiency

IELTS Score : To be Taken Soon

REFERENCES

Dr. Reza Entezari Maleki : Assistant Professor in Department of Computer Engineering of IUST
entezari@iust.ac.ir

Dr. Mehrdad Ashtiani : Assistant Professor in Department of Computer Engineering of IUST
m_ashtiani@iust.ac.ir

Dr.M.Monazzah:Assistant Professor in Department of Computer Engineering of IUST
monazzah@iust.ac.ir