

Amirreza Hosseini

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[LinkedIn profile](#)

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Education

- **Bachelor of Science** in Computer Engineering 2019-2023(expected)
Isfahan University of Technology ([IUT](#))
Undergraduate - Intelligence computer systems (tuition waved)
GPA: 17.44 out of 20 (converted: 3.64/4)
Supervisor: [Dr. Amir Khorsandi](#)
- **Diploma** Degree in Mathematics and Physics discipline 2015-2018
High-rank high school in Tehran, Iran
GPA: 4/4

Selected Courses

- | | | |
|---------------------------------|------------------------|-----------------------------|
| ■ Computer Architecture(4/4) | ■ Data structure(4/4) | ■ Database & Lab.(4/4) |
| ■ Digital systems design(4/4) | ■ Robotics & Lab.(4/4) | ■ Microprocessor & Lab(4/4) |
| ■ Computer Networks & Lab.(4/4) | ■ A.P. & Lab(4/4) | |

Research Interests

- | | | |
|---------------------|--------------------|----------------|
| ■ Computer Networks | ■ Embedded systems | ■ ORM and DBMS |
|---------------------|--------------------|----------------|

Awards and Honors

- Ranked within the top 2% among more than 150,000 participants in the annual Iranian University entrance exam for bachelor's degree in mathematics and physics.
- Ranked within the top 5% among more than 140,000 participants in the annual Iranian University entrance exam for a bachelor's degree in Foreign languages.
- Ranked within the top 15% among all students in the [ECE Department](#) in the first year of study.
- Ranked within the top 10% among all students in the [ECE Department](#) in the second year of study.

Work Experience

- **Industrial Project** 2022-present
Company Name: [Azmoon Saz Mabna](#) - Part-time
Software Developer
Employment Duration: 6 months
Location: Tehran, Tehran, Iran
Implementation of the Website platform for automatic Calibrations

▪ **Teaching Assistant**

Isfahan University of Technology - Part-time Database Lab.	2022
Dr. Alireza Basiri	
Isfahan University of Technology - Part-time Advanced object-oriented programming with C#	2022
Dr. MohammadAli Khosravifard	
Isfahan University of Technology - Part-time Digital Systems Design	2021-2022
Dr. Nader Karimi	
Isfahan University of Technology - Part-time Fundamentals of programming with basics of Python and C languages	2019
Dr. MohammadAli Khosravifard & Dr. Jalal Zahabi (x2 times)	

Technical & Research Experience

- Course projects:
 - Mano Basic computer simulator (implemented in C# language)
 - Linux character device module simulation
 - Arduino Radar Project

English & GRE Tests

- English (IELTS (Academic): To be earned on November 18th)
- Persian (Native)

Skills

Computer skills

- Microsoft Office (Excel, Word, Outlook, Access, PowerPoint, etc.)
- 10 fingers typing (35 WPM)
- Visual Studio & VSCode
- JetBrains IDEs (Pycharm & Clion & etc.)
- Proteus & Code Vision
- Git and GitHub - [Coursera Certification](#)
- Wireshark
- Symbolab & Wolfram alpha
- Virtual Machines & Emulator (Virtual Box and VMware)
- O.S. (Windows, Ubuntu, Windows Server)
- SPSS
- Modelsim & ISE

Programming languages and Frameworks

- C/C++ (multi-process and multi-threads programming, Linux kernel module) - [Sololearn](#)
- Python (PyTorch, socket programming, pandas) - [LinkedIn Learning](#)
- C# (ADO .NET Core MVC, windows forms, IIS express) - [Sololearn](#)

- SQL (Microsoft SQL Server, Postgresql, ADO .NET) - [Sololearn](#)
- HTML (Bootstrap 5)
- Verilog
- Assembly
- MATLAB
- Message brokers (RabbitMQ)
- Arduino IDE (processing with Java)

Hardware systems

- ATmega 16/32
- Arduino (Mega/UNO)
- Sensors (Ultrasonic)

Soft skill

- Developing Your Emotional Intelligence - [LinkedIn Learning](#)

Hobbies

- Playing music instruments such as guitar and piano, and got some knowledge in musical notes and harmonics
- Hold 3 musical concerts for charity purposes for the Iran Society of Deaf People Family with about 800 audience members

REFERENCES

- **Dr. Amir Khorsandi**
Assistant professor
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- **Dr. Mohammadali Khosravifard**
Associate Professor
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