

Amirreza Hosseini

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[LinkedIn profile](#)

Education

- **Bachelor of Science** in Computer engineering 2019-2023(expected)
Isfahan University of Technology
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 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(4/4)
- Microprocessor & Lab(4/4)
- Computer Networks & Lab.(4/4)
- A.P. & Lab(4/4)

Research Interests

- Computer Networks
- Microcontrollers
- 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, Iran
Implementation of the Website platform for automatic Calibrations

- **Teaching Assistant** 2022
Company Name: Isfahan University of Technology - Part-time
Employment Duration: 7 months
Location: Isfahan, Iran
Advanced object-oriented programming with C#
Dr. MohammadAli Khosravifard
- **Teaching Assistant** 2021- 2022
Company Name: Isfahan University of Technology - Part-time
Employment Duration: 7 months
Location: Esfahan, Iran
Digital Systems Design
Dr. Nader Karimi
- **Teaching Assistant** Sep 2019
Company Name: Isfahan University of Technology - Part-time
Employment Duration: 7 months
Location: Esfahan, Iran
Fundamentals of programming with basics of Python and C languages
Dr. MohammadAli Khosravifard & Dr. Zahabi

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
- Jet brains 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

- ATmega16/32
- 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
electrical and computers engineering department, Isfahan University of Technology, Iran
[Website](#)
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- **Dr. Mohammadali Khosravifard**
Associate Professor
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- **Aein Bahadori**
MSc Student of Control Systems Engineering
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