

Education

B.Sc. in Computer Engineering

University of Sistan and Baluchestan, Iran

Sep 2016 – Aug 2021

- **Last two years GPA:** 19.59/20 (**4/4** on the WES scale) – Overall **GPA:** 17.8/20 (3.57/4)
- **Final Project:** Design and implementation of a wearable healthcare monitoring device for patients suffering from chronic lung diseases (Grade 20/20)
Supervisor: Dr. Mohammad Hossein Sargolzaei
- **Selected Courses:** • Computer-aided Digital System Design (20/20) • Embedded and Real-time Systems (20/20) • Signals and Systems (20/20) • Data Transmission (20/20) • Fundamentals of Computational Intelligence (19.39/20) • Graph Theory and Algorithms (19.54/20)

Research Interests

- Reconfigurable Architectures
- Hardware Accelerators and High-performance Computing
- DSP Architectures
- Embedded Systems
- Computer Architecture
- Healthcare Devices

Patents

- Abbasi, Ali. Sargolzaei, Mohammad Hossein. 2021. A wearable device for simultaneous monitoring of vital signs from the ear with the capability of saving data and sending emergency messages. Iran Patent Application 140050140003005312, filed September 2021. Patent Pending.

Experience

- **Teaching Assistant** Sep 2018 – Jul 2020
University of Sistan and Baluchestan, Iran
TA in: • Computer-aided Digital System Design • Logic Circuits • Digital Systems 2 • Computer Architecture
• Microprocessor and Assembly Language • Theory of Languages and Automata
- **Intern at the Center of Electronic Learning** Feb 2020 – Apr 2020
University of Sistan and Baluchestan, Iran
Helped facilitate online learning for students at the beginning of the COVID-19 pandemic on the Moodle platform
- **Private German Language Tutor** Jan 2018 – Aug 2018
Mashhad, Iran
Taught the German language at the elementary level as a private tutor
- **Private English Language Tutor** Sep 2016 – Jan 2018
Mashhad, Iran
Taught the English language at the intermediate level as a private tutor

Extracurricular Activities

- **Xilinx ISE Design Suite Tutorial ([Online Software Simulation](#) + [PDF](#))** Mar 2020
University of Sistan and Baluchestan, Iran
Developed an online simulation environment and a document for learning ISE Design Suite
- **iSpring Suite Tutorial (Video)** Mar 2020
University of Sistan and Baluchestan, Iran
Recorded several tutorial videos about making SCORM packages using iSpring Suite for online teaching during the COVID-19 pandemic

- Q. 1. The following are the marks obtained by 10 students in a test. Find the mean, median and mode.

Hobbies

- Playing electric guitar
- Watching movies
- Basketball
- Badminton

References

- **Dr. Mohammad Hossein Sargolzaei ([Google Scholar](#))**
Ph.D. in Computer Hardware Engineering, University of Tehran, Iran, 2018
Assistant Professor, Faculty of Electrical and Computer Engineering, University of Sistan and Baluchestan, Iran
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- **Dr. Mehri Mehrjoo ([Google Scholar](#))**
Ph.D. in Electrical Engineering (Telecommunications), University of Waterloo, Canada, 2008
Associate Professor, Faculty of Electrical and Computer Engineering, University of Sistan and Baluchestan, Iran
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- **Dr. Farahnaz Mohanna ([Google Scholar](#))**
Ph.D. in Electrical Engineering (Data Processing), University of Surrey, The United Kingdom, 2002
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