

Education

B.Sc. in Computer Engineering

Sep 2016 – Aug 2021

University of Sistan and Baluchestan, Iran

- **GPA:** 17.8/20 (3.57/4 on WES scale) - **Last two years GPA:** 19.59/20 (4/4 on WES scale)
- **Thesis:** Design and implementation of a wearable healthcare monitoring device for patients (Grade 20/20)
Supervisor: Dr. Mohammad Hossein Sargolzaei
- **Selected Courses:** • Computer-aided Digital System Design (20/20) • Logic Circuits (20/20) • Embedded and Real-time Systems (20/20) • Signals and Systems (20/20) • Artificial Intelligence and Expert Systems (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

- **Design and implementation of a wearable healthcare monitoring device for patients suffering from chronic lung diseases** *Expected to be submitted late-Sep 2021*
University of Sistan and Baluchestan, Iran
Dr. Mohammad Hossein Sargolzaei, Ali Abbasi

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

References

- **Dr. Mohammad Hossein Sargolzaei**
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
mh.sargolzaei@ece.usb.ac.ir
- **Dr. Mehri Mehrjoo**
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
mehrjoo@ece.usb.ac.ir
- **Dr. Farahnaz Mohanna**
Ph.D. in Electrical Engineering (Data Processing), University of Surrey, The United Kingdom, 2002
Associate Professor, Faculty of Electrical and Computer Engineering, University of Sistan and Baluchestan, Iran
f.mohanna@ece.usb.ac.ir