

## 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) • Data Transmission (20/20) • Fundamentals of Computational Intelligence (19.39/20)

## 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



## Hobbies

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- Playing electric guitar
- Watching movies
- Playing basketball
- Playing badminton

## References

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- **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*  
*Associate Professor, Faculty of Electrical and Computer Engineering, University of Sistan and Baluchestan, Iran*  
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