

# Amirreza Kazemzadeh

+98 (936) 092-9330

[a.kazemzadeh@aut.ac.ir](mailto:a.kazemzadeh@aut.ac.ir)

A talented student with an industrious and systematic approach to learning. Extensive knowledge of research and software skills.

Date of Birth: 1996 Place of Birth: Urmia city, Iran

LinkedIn: <https://www.linkedin.com/in/amirreza-kazemzadeh/>



## Education

2018 to 2021

### Master student in Computer Architecture

Amirkabir University of Technology, Tehran, Iran

- Intelligent Computing and Communication Infrastructure (ICCI) Lab
- M.Sc. Research Thesis Field: Performance improvement in DWM-based caches
- Supervisors: Dr. Hamed Farbeh

2015 to 2018

### B.Sc. Degree in Computer Engineering

Afagh Higher Education Institute

2013 to 2015

### Associate degree in Computer Engineering

Technical University of Urmia (Ghazi Tabatabai)

## TEACHING EXPERIENCE

### Teaching Assistant ( Logic circuit Lab)

Amirkabir University of Technology

01/2020 to 07/2020

by Dr.Morteza Saheb Zamani

### Leading Teaching Assistant (microprocessor Lab)

Amirkabir University of Technology

09/2020 to Present

by Dr.Hamed Farbeh

## RESEARCH INTERESTS

- Emerging Memory Technologies
- Reliability
- Internet-of-Things (IoT)
- High performance architectures

## SKILLS

- Teamworking
- Creativity
- Communication skills
- Leadership
- Project Management
- Critical thinking
- Multitasking abilities
- Planning and Coordination
- Flexible & Adaptable

## LANGUAGES

- English: Intermediate
- Turkish: Intermediate
- Azari: Native
- Persian: Native
- German: Elementry

### Teaching Assistant (microprocessor Lab)

Amirkabir University of Technology

09/2019 to Present

by Dr.Hamed Farbeh

### Teaching Assistant (VHDL)

Amirkabir University of Technology

09/2018 to 01/2019

by Dr.kooroush manochehri kalantari

## Hobbies

- Playing chess
- Reading
- Traveling
- Swimming
- puzzles

## QUALIFICATIONS

- Operating Systems: Linux, Windows
- Programming Languages: C, C++, Python, C#
- Hardware Description Languages: VHDL, Verilog
- Hardware Simulation: Quartus, Modelsim, Xilinx ISE, Vivado, Gem5, NVsim,
- Circuit simulation: Hspice, Proteus
- Web Development: HTML, CSS, ASP.NET
- Database: SQL Server
- Others: Microsoft Office Programs (Word, Excel, PowerPoint)

## PUBLICATIONS

- Book: A, Kazemzadeh, H, Farbeh, A, Salehi .(2021). Use Arduino to make IoT [In Persian].Tehran:Amirkabir university Press (In Press prosses)

## HONORS

- 1<sup>st</sup> Stance in computer system architecture, Amirkabir University of Technology (Tehran Polytechnic), 2018
- Patent of Meso-scale combustion-based thermoelectric power generator using swirl flame technology  
Cooperation team: A,Kazemzadeh, H, Farbeh, S,Sheykhbaqlu. Iran, (In Press Prosses)

## REFERENCES:

Dr.Hamed Farbeh, Dept. Department of Computer Engineering,  
Amirkabir University of Technology

Cellphone: +98 (021) 64542750

email: [farbeh\[at\]aut.ac.ir](mailto:farbeh[at]aut.ac.ir)

Homepage: <https://ce.aut.ac.ir/~farbeh/>

Documents available upon request.