Amirreza Kazemzadeh

+98 (936) 092-9330

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 Present

Master student in Computer Architecture

Amirkabir University of Technology, Tehran, Iran

- Intelligent Computing and Communication Infrastructure (ICCI) Lab

  M.Sc. Research Thesis Field: Performace 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

QUALIFICATIONS

- Operating Systems: Linux, Windows
- Programming Languages: C, C++, Python, C#
- Hardware Description Languages: VHDL, Verilog
- Hardware Simulation: Quartus, Modelsim, Xilinx ISE, 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

- 1st 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
Homepage: https://ce.aut.ac.ir/~farbeh/

Documents available upon request.

Hobbies

- Playing chess
- Reading
- Traveling
- Swimming
- puzzles