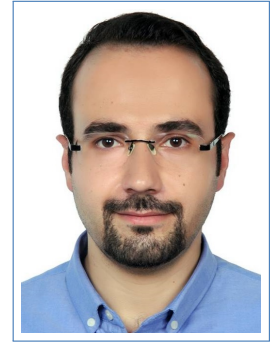


Amir Mahdi Hosseini Monazzah

Curriculum Vitae

Room 332,
School of Computer Engineering,
Iran University of Science
and Technology (IUST),
Tehran, Iran. Zip Code: 16846-13114
☎ (+98 21) 7322-5347
✉ monazzah@iust.ac.ir
🌐 <http://webpages.iust.ac.ir/monazzah>
DOB: April 21, 1987



Education

- 2019–Present **Iran University of Science and Technology, Tehran, Iran**, Assistant Professor, Computer Engineering.
- 2017–2019 **Institute for Research in Fundamental Sciences (IPM), Tehran, Iran**, Post-doc, Computer Engineering, Under Supervision of Prof. Hamid Sarbazi-Azad.
- 2013–2017 **Sharif University of Technology, Tehran, Iran**, Phd, Computer Engineering, Under Supervision of Prof. Seyed Ghassem Miremadi.
GPA: 19.38/20
- 2016–2017 **University of California, Irvine, California, USA**, Sabbatical, Reliable Embedded Systems, Under Supervision of Prof. Nikil Dutt.
- 2010–2012 **Sharif University of Technology, Tehran, Iran**, M.Sc., Computer Architecture, Under Supervision of Prof. Seyed Ghassem Miremadi.
GPA: 17.91/20
- 2005–2009 **Islamic Azad University- South-Tehran Branch, Tehran, Iran**, B.S., Computer Hardware Engineering, Under Supervision of Mr. Fatehi Khajeh.
GPA: 17.71/20
- 2001–2005 **Dr. Hesabi High School, Tehran, Iran**, High School Diploma, Mathematics and Physics.
GPA: 18.8/20

Research Interests

1. System design for IoT applications.
2. On-chip memory design.
3. Fault-tolerant design.
4. System design for approximate computing applications.

Honors & Awards

1. Ranked 1st during the PhD program on hardware computer engineering at Sharif University of Technology.
2. Ranked 3rd among about 700 participants in PhD national entrance exam for graduate students in Computer Architecture.
3. Ranked 41st among about 15,000 participants in M.Sc. national entrance exam for graduate students in Computer Architecture.
3. Ranked 2^{ed} among about 100 students in B.S..

Skills & Abilities

Programming Languages	VERILOG HDL, VHDL, SYSTEMC, C/C++
Tools	SNIPERSIM, GEM5, COOJA, NVSIM, CACTI, MODELSIM, HDL DESIGNER, DESIGN COMPILER, QUARTUS, MATLAB (M-FILE PROGRAMMING, SIMULINK/STATEFLOW), CADENCE SOC ENCOUNTER, HSPICE
Software	LATEX, MS WORD, MS EXCEL

Teaching

2024-Spring	Advanced Design of Fault-Tolerant Systems , LECTURER, Iran University of Science and Technology.
2024-Spring	Computer Architecture , LECTURER, Iran University of Science and Technology.
2023-Fall	Digital Design , LECTURER, Iran University of Science and Technology.
2023-Fall	Embedded and IoT Systems , LECTURER, Iran University of Science and Technology.
2023-Spring	Design of Storage Systems , LECTURER, Iran University of Science and Technology.
2023-Spring	Computer Architecture , LECTURER, Iran University of Science and Technology.
2022-Fall	Design of Fault-Tolerant Systems , LECTURER, Iran University of Science and Technology.
2022-Fall	Digital Design , LECTURER, Iran University of Science and Technology.
2022-Fall	Embedded and IoT Systems , LECTURER, Iran University of Science and Technology.
2022-Fall	Design of Fault-Tolerant Systems , LECTURER, Iran University of Science and Technology.
2022-Spring	Design of Storage Systems , LECTURER, Iran University of Science and Technology.
2022-Spring	Computer Architecture , LECTURER, Iran University of Science and Technology.
2022-Spring	Embedded and IoT Systems , LECTURER, Iran University of Science and Technology.
2021-Fall	Digital Design , LECTURER, Iran University of Science and Technology.
2021-Fall	Embedded and IoT Systems , LECTURER, Iran University of Science and Technology.
2021-Fall	Design of Fault-Tolerant Systems , LECTURER, Iran University of Science and Technology.
2021-Spring	Design of Storage Systems , LECTURER, Iran University of Science and Technology.
2021-Spring	Digital Design , LECTURER, Iran University of Science and Technology.
2021-Spring	Embedded and IoT Systems , LECTURER, Iran University of Science and Technology.
2021-Spring	Embedded and IoT Systems , LECTURER, Sharif University of Technology.
2020-Fall	Design of Fault-Tolerant Systems , LECTURER, Iran University of Science and Technology.
2020-Fall	Microprocessor , LECTURER, Iran University of Science and Technology.
2020-Fall	Embedded and IoT Systems , LECTURER, Sharif University of Technology.
2020-Spring	Digital Design , LECTURER, Iran University of Science and Technology.
2020-Spring	Advanced Design of Fault-Tolerant Systems , LECTURER, Iran University of Science and Technology.
2020-Spring	Embedded and IoT Systems , LECTURER, Sharif University of Technology.
2019-Fall	Design of Storage Systems , LECTURER, Iran University of Science and Technology.
2019-Fall	Microprocessor , LECTURER, Iran University of Science and Technology.
2019-Spring	Embedded and IoT Systems , LECTURER, Sharif University of Technology.
2018-Fall	Computer Architecture , LECTURER, Sharif University of Technology.
2018-Fall	Computer Architecture , LECTURER, Amirkabir University of Technology.
2018-Spring	Digital Design , LECTURER, Iran University of Science and Technology.

Work Experience

- 2023-Present **Chair of Information Technology Center (ITS)**, IRAN UNIVERSITY OF SCIENCE AND TECHNOLOGY, IUST, Tehran, Iran.
- 2008-summer **Internship**, IRAN KHODRO INDUSTRIAL GROUP, IKCO, Tehran, Iran.
The Complex of Computer Systems Supports and Maintenance

Publications

Please google “Amir Mahdi Hosseini Monazzah” for an up to date list of my publications.

Languages

- Farsi **Native Speaker**
- English **Fluent**
- Arabic **Basic**