

Curriculum Vitae

Sina Meraji

Birth date: March 21, 1982, Tehran, Iran

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Research Interests

Parallel and Distributed Systems, Performance Evaluation, Computer Networks, Computer Architecture

Education

2004-2006 M. Sc. in Computer Engineering (Specialization in Computer Architecture),
Sharif University of Technology, Tehran, Iran, GPA 18.31 from 20.

2002-2006 B. Sc. in Industrial Engineering, AmirKabir University of Technology, Tehran, Iran, GPA 16
from 20.

2000-2004 B. Sc. in Computer Engineering, AmirKabir University of Technology. Tehran, Iran, GPA
17 from 20.

Awards and Honors

2006 Ranked 1st among about 30 M. S. graduate students in computer engineering department of
Sharif University of Technology.

2004 Ranked 140th in the Iranian nationwide Computer Engineering M.S. Entrance Exam among more
than 10000 participants.

Ranked 1st among about 100 B.S degree students in computer engineering department of
AmirKabir University of Technology.

2002 Ranked 1st among about 100 B.S Degree students in Computer Engineering department and
selected for Industrial Engineering B.S Degree Program without national entrance
examination as the second major and permitted to study simultaneously.

2000 Ranked 640th out of more than 450,000 applicants for Engineering and Mathematical Science,
Iran's university entrance examination.

Publications

S. Meraji, N. Shahbazi, H. Sadeghi, H. hessabi, Increasing Memory Speed-up in an OO-ASIP Using
Cache Splitting, 11th. International CSI **Journal** on Computer Science and Engineering for the Special
Issue (CSI-JCSE'07), 2007.

S. Meraji, A. Nayebi and H. Sarbazi-Azad, Empirical Performance Evaluation of Adaptive Routing in
Necklace Hypercubes: A Comparative Study, IEEE International Conference on Computing: Theory and
Applications (ICCTA'07), Kolkata, India, March 2007.

S. Meraji, A. Patoghy and H. Sarbazi-Azad, Analytical Performance Modelling of Adaptive Wormhole Routing in the Necklace Hypercube Interconnection Network, 21st IEEE International Parallel & Distributed Processing Symposium (IPDPS'07), California, USA, March 2007.

S. Meraji, A. Nayebi and H. Sarbazi-Azad, Simulation-Based Performance Evaluation of Deterministic Routing in Necklace Hypercubes, IEEE International Conference on Computer Systems and Applications (ICCSA'07), Amman, Jordan, May, 2007.

S. Meraji and H. Sarbazi-Azad, Parallel Numerical Interpolation on Necklace Hypercubes, IEEE International Conference, Asian Modeling and Simulation (AMS'07), Phuket, Thailand, march, 2007.

A. Nayebi, S. Meraji, A. Shamaei, H. Sarbazi-Azad, Xmulator: A listener-Based Integrated Simulation Platform for Interconnection Networks, IEEE International Conference, Asian Modeling and Simulation (AMS'07), Phuket, Thailand, march, 2007.

S. Meraji, N. Shahbazi, H. Sadeghi, H. hessabi, Increasing Memory Speed-up in an OO-ASIP Using Cache Splitting, 11th. International CSI Computer Conference (CSICC'06), Vol. 1, pp.115-121, Tehran, Iran, Jan. 2006.

Teaching Experience

2006 Teaching "Computer Networks" and "Advanced Programming".
Azad University, Parand branch, Computer Engineering Dept, Tehran, Iran.

Instructor of "Digital Design Laboratory".
Sharif University of Technology, Computer Engineering Dept, Tehran, Iran.

Instructor of "Computer Architecture Laboratory".
AmirKabir University of Technology, Computer Engineering Dept, Tehran, Iran.

2005 Instructor of "Computer Architecture Laboratory".
AmirKabir University of Technology, Computer Engineering Dept, Tehran, Iran.

Instructor of "Logical Design Laboratory".
Sharif University of Technology, Computer Engineering Dept, Tehran, Iran.

2004 Teacher assistant in the course "Computer Architecture".
Sharif University of Technology, Computer Engineering Dept, Tehran, Iran.

Teacher assistant in the courses "Computer Architecture", "Advanced Computer Programming", "Electronic Circuits".

AmirKabir University of Technology, Computer Engineering Dept, Tehran, Iran.

2003

Skills

Computer Programming

Proficient in C, VC++, Java, C#, SQL, Assembly, HTML.

Operating Systems

Linux, Windows, DOS.

Network Simulators

NS-2, OPNET