

SEYED KAZEM SHEKOFTEH

Room 805 (Advanced Computer Architecture Laboratory), Faculty of Engineering, Ferdowsi University of Mashhad, Azadi Sq. Mashhad, Iran
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EDUCATION

PhD Ferdowsi University of Mashhad, Department of Computer Engineering, started from September 2013

Advisors: Prof. Mahmoud Naghibzadeh, Dr. Hamid Noori
Major GPA: 19.25 / 20

MS Ferdowsi University of Mashhad, Department of Computer Engineering, September 2008 – December 2010

Thesis: “A Priority-Aware Scheduling Algorithm in Multi-core Processors to Decrease Cache Contention”
Advisor: Dr. Hossein Deldari
Major GPA: 18.52 / 20

BS Azad University of Mashhad, Department of Computer Engineering, September 2003 – August 2007

Thesis: “Environmentally Sensitive Cryptography with Cellular Automata”
Advisor: Dr. Majid Vafaeijahan
Major GPA: 17.1 / 20

HONORS AND AWARDS

Top Student, 2014

Among more than 20 students in '*Reliable Software Design*' Course by Dr. Yasser Sedaghat, score: 20 / 20

Top Student, 2014

Among 8 students in '*Advance Topics in Operating Systems and Scheduling*' Course by Prof. Mahamoud Naghibzadeh, score: 19.8 / 20

Ranked 2nd among PhD students, 2013

Among more than 60 eligible students to be selected (12) for entering PhD era.

Best Researcher Student, 2010

Department of Computer Engineering, Faculty of Engineering, Ferdowsi University of Mashhad

Top Student, 2010

Among more than 20 students in '*Fuzzy Logic and Control*' Course by Prof. Mohammad Reza Akbarzadeh –T, score: 20 / 20

Top Student, 2009

Among more than 10 students in '*Advanced Topics in Parallel Programming*' Course by Dr. Hossein Deldari, score: 19.5 / 20

**PROGRAMMING
AND COMPUTER
SKILLS**

C#: (Excellent) more than 10 years of experience in research and commercial programming
C++: (Good) about 5 years of experience
SQL Server: (Excellent) more than 8 years of experience in working with SQL Server database
Matlab: (Good)
HTML, Javascript: (Good)
Operating Systems: Windows, Ubuntu
Tools: Microsoft Office, EndNote

**TEACHING
EXPERIENCE**

Ferdowsi University of Mashhad, Mashhad, Iran
Lecturer, course title: Basics of Computer Programming, Fall 2014

Bahar Institute of Higher Education, Mashhad, Iran
Faculty Member, course title:
Database Construction, Theory of Languages and Automata, Data Structures,
Assembly Programming, Fall 2012 – Fall 2015

Imam Reza University, Mashhad, Iran
Lecturer, course title: Assembly Programming, Principles of Compilers, Fall 2011 –
Fall 2013

Ferdows Institute of Higher Education, Mashhad, Iran
Lecturer, course title:
Database Construction, Theory of Languages and Automata, , Spring 2009 – Spring
2012

PUBLICATIONS

Books (Translation)

Hamid Tabatabaei, **S.-Kazem Shekofteh**, Hossein Salami, “Task Scheduling for Parallel Systems” (translated from English to Persian), Azad University of Quchan, 2015.

Journal Publications

- [1] AhmanReza Montazerolghaem, **S.-Kazem Shekofteh**, M.H. Yaghmaee, Mahmoud Naghibzadeh, “A Load Scheduler for SIP Proxy Servers: Design, Implementation and Evaluation of a History Weighted Window Approach,” International Journal of Communication Systems, DOI: 10.1002/dac.2980.
- [2] Saman Poursiah Navi, Maryam Baradaran –K., **S.-Kazem Shekofteh**, “OFA: An Optimized Fuzzy Approach to Solve head Pose Estimation,” Journal of Scientific Researches, vol. 4, no. 3, May 2014.
- [3] Javad Mohebbi, **S.-Kazem Shekofteh**, Hamid Tabatabaee, Maryam Mehrnejad, “CoreIIScheduler: Scheduling Tasks in a Multi-core-based Grid Using NSGA-II Technique,” Advances in Intelligent and Soft Computing (Springer), vol. 182, 2013, pp. 507-518.

Conference Papers

- [1] AhamdReza Montazerolghaem, **S.–Kazem Shekofteh**, Mahmoud Naghibzadeh, Mohammad-H. Yaghmaee-M., Ghazale Khojaste, “A Novel Load Scheduling for Session Initiation Protocol Networks”, *4th International e-Conference on Computer and Knowledge Engineering*, October 29-30, 2014, Mashhad, Iran.
- [2] **S.–Kazem Shekofteh**, Maryam Baradaran –K, Hossein Deldari, Mahmoud Naghibzadeh “Decreasing Cache Contention Between Cooperative Threads in Multi-core Architectures Using a Heuristic-Based Scheduling Mechanism”, *3rd International Conference on Computer and Network Technology (ICCNT 2011)*, Feb. 26 - 28, 2011, Taiyuan, China
- [3] **S.–Kazem Shekofteh**, Maryam Baradaran-K, Saeed Toosizadeh, Mohammad -R Akbarzadeh -T “Head Pose Estimation Using Fuzzy Approximator Augmented by Redundant Membership Functions”, *2nd International Conference on Software Technology and Engineering (ICSTE 2010)*, Oct. 3-5, 2010, Puerto Rico, USA
- [4] Maryam Baradaran-K, Saeed Toosizadeh, Mohammad -R Akbarzadeh -T, **S.–Kazem Shekofteh** “Exploiting Fuzzy Approximator to Head Pose Estimation”, *Proceedings of 13rd International Conference on Signal Processing Algorithms, Architectures, Arrangements, and Applications SPA 2010*), Sep. 23-25, 2010, Poland
- [5] Maryam Baradaran-K, **S.–Kazem Shekofteh**, Saeed Toosizadeh, Mohammad -R Akbarzadeh -T “A Fuzzy Approximator with Gaussian Membership Functions to Estimate A Human’s Head Pose”, *10th International Conference on Intelligent Systems, Design and Applications (ISDA 2010)*, Nov. 29 - Dec. 1, 2010, Cairo, Egypt
- [6] Farhad Rahmanifard, Hamid Saadatfar, Hossein Salami, **S.–Kazem Shekofteh**, Hossein Deldari “HOCE: A New Hotspot Detection Algorithm for Overcommitable Cloud Infrastructures”, *International Conference on Computer and Computational Intelligence (ICCCI 2010)*, Dec. 25 - 26, 2010, Nanning, China
- [7] Amir H. Bahmani, **S.–Kazem Shekofteh**, M.Naghibzadeh, Hossein Deldari “Parallel Algorithms for Automatic Database Normalization”, *2nd International Conference on Computer and Automation Engineering (ICCAE 2010)*, Feb. 26 - 28, 2010, Singapore
- [8] **S.–Kazem Shekofteh**, Hossein Deldari, Maryam Baradaran-K “Reducing Cache Contention in a Multi-core Processor via a Scheduler”, *3rd International Conference on Advanced Computer Theory and Engineering (ICACTE 2010)*, Aug. 20 - 22, 2010, China
- [9] **S.–Kazem Shekofteh**, M.Hossein Yaghmaee, M. Baradaran-K, Hossein Deldari “Localization in Wireless Sensor Networks Using Tabu Search and Simulated Annealing”, *2nd International Conference on Computer and Automation Engineering (ICCAE 2010)*, Feb. 26 - 28, 2010, Singapore
- [10] Hossein Salami, Hamid Saadatfar, Farhad Rahmani Fard, **S.–Kazem Shekofteh**, Hossein Deldari “Improving Cluster Computing Performance Based on Job Futurity Prediction”, *3rd International Conference on Advanced Computer Theory and Engineering (ICACTE 2010)*, Aug. 20 - 22, 2010, China

- [11] M. Vafaei-Jahan, M.R. Akbarzadeh-T, **S.–Kazem Shekofteh**, M. Baradaran-K
“A Cryptography Method Based on Cellular Automata and Chaotic Functions”,
5th Conference of Iranian Society of Cryptography, Oct. 2008, Tehran

PRESENTATIONS AND INVITED LECTURED Keynote Speaker, “Fault Tolerance in MPI,” *The First Workshop of Introduction to Parallel Processing and Applications*, May 2010, Faculty of Mathematics, Ferdowsi University of Mashhad, Mashhad, Iran

PROFESSIONAL AFFILIATIONS Bahar Institute of Higher Education, 2012-Present
Faculty Member and Vice Chair at the Department of Computer Engineering

Shandiz Institute of Higher Education, 2011-Present
Chair at the Department of Computer Engineering

PROFESSIONAL SERVICE **Reviewer**
4th International e-Conference on Computer and Knowledge Engineering, Ferdowsi University of Mashhad, 2014 (ICCKE2014)

Reviewer
20th National Conference of Iranian Computer Society, Ferdowsi University of Mashhad, 2015 (CSICCC2015)

LANGUAGES List the languages that you know, along with your level of proficiency. Use an appropriate proficiency scale such as the ACTFL which provides guidelines for Novice, Intermediate, Advanced, Superior, and Distinguished levels in Listening, Speaking, Reading, and Writing.

English: Superior Reading, Advanced Writing and Listening, Intermediate Speaking, TOEFL (score: 512)

Arabic: Intermediate Reading

REFERENCES **Dr. Mahmoud Naghibzadeh**, Professor
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