

CURRICULUM VITAE

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Education

- ❖ M.S. in Computer Science, Islamic Azad University, Tehran, Iran, 2007 - 2010.
(GPA: 17/20)
Thesis title: Fairness Provisioning Qos-A Ware Mac Protocol for Mobile Ad-Hoc Network
- ❖ B.S. in Computer Science, Islamic Azad University, Isfahan, Iran, 2003 - 2007.
(GPA: 18.07/20)
- ❖ High School Diploma, Tehran, Iran, 1999 - 2003.

Research Interests

- ❖ Mac Layer Protocols For Wireless Networks
- ❖ Mobile Ad-Hoc Networks (MANETs)
- ❖ Quality of Service (QOS)
- ❖ Wireless Mesh Networks (WMNs)
- ❖ Cross-layer Approach at Wireless Networks

Teaching Interests

- ❖ Computer Network
- ❖ Data Transmission
- ❖ Computer Architecture
- ❖ Digital Logic Design

Certifications

- ❖ A+ (Core)
- ❖ A+(OS Technology)
- ❖ Web Page Design
- ❖ Isa Server 2004
- ❖ Net Infrastructure 1
- ❖ VHDL
- ❖ Writing CV and Prepare for Job Interview
- ❖ C++ Expert
- ❖ Writing Base on ISI Standard

Memberships

- ❖ Student Member of IEEE (2009 - Present)
- ❖ Student Member of computer Society of Iran.

- ❖ Member of Iranian Association of Electrical and Electronics Engineers.

Computer Languages

- ❖ Programming Languages: Pascal, C/C++
- ❖ Scripting Languages: OTCL, Java Script
- ❖ Hardware Modeling Languages: VHDL

Software Skills

- ❖ CAD Tools: Quartuse, MaxPlus, Leonardo
- ❖ Electronic Software: Electronic Workbench, Pspice, Keil, Proteos
- ❖ Simulators: NS-2, Glomosim (Network Simulator), Modelsim (Hardware Simulator)
- ❖ Operating Systems: MS Windows
- ❖ Others: Dreamweaver

Work Experiences

- ❖ Executive and Consultant of ICT Plan, BARSА Company, Tehran, Iran, 2003 – 2007.

Languages

- ❖ Persian (Mother tongue)
- ❖ English
 - IELTS (Overall: 6 – Listening: 6 – Reading: 6.5 – Writing: 5.5 – Speaking: 6)

Publications

Conference:

- ❖ A. Balador, A. Movaghar. The Novel Contention Window Control Scheme for IEEE 802.11 Mac Protocol. In proceedings of NSWCTC2010, Wuhan, China.

Journal:

- ❖ Balador, A. Movaghar, S. Jabbehdari. History Based Contention Window Control (HBCWC) in IEEE 802.11 Mac Protocol in Error Prone Channel. Journal of Computer Science 6(2): 205-209, 2010.
- ❖ A. Balador, A. Movaghar, S. Jabbehdari. The Novel Dynamic Deterministic Contention Window Control Scheme for IEEE 802.11 MAC Protocol. Under review in Journal of Network (JNW).

References

- ❖ Dr. Ali Movaghar
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- ❖ Dr. Sam Jabbehdari
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Tehran – Iran

Ali Balador, Curriculum Vitae, 17 July 2010

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