

# *Curriculum Vitae - Kyoomars Alizadeh*

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*Date of Birth:* 09/20/1988

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## ***Education:***

- 2006-2011, **Bachelor of Engineering (B.E.)**, Computer Engineering & Information Technology. University of Tehran, Tehran, Iran. (graduated with GPA [3.19/4.00])
- 2005-2006, **Pre-University Course**, Mathematics & Physics, Khatam High School, Tehran, Iran. (graduated with GPA 19.17/20.00)
- 2002-2005, **High School Diploma**, Mathematics & Physics, Khatam High School, Tehran, Iran. (graduated with GPA 18.00/20.00)

## ***Research Interests:***

- Computer Networks
- Cloud Computing
- Web & Data Mining
- Information Retrieval
- Internet Measurement

## ***Academic Projects:***

- *Spring 2010*, researching in the field of MPEG-21 and its related techniques, Introduction to Multimedia Systems, Instructor: Dr. Mahmoud Reza Hashemi.
- *Spring 2010*, researching in the field of data warehousing and business intelligence for e-Commerce, Introduction to e-Commerce, Instructor: Dr. Mahmoud Reza Hashemi.
- *Spring 2010*, producing and implementing an instruction for video adaptation experiment for multimedia laboratory course, Instructor: Dr. Mahmoud Reza Hashemi.
- *Fall 2009*, design and implementation of search algorithms in the pacman game environment, Artificial Intelligence Course, Instructor: Dr. Hadi Moradi.
- *Fall 2009*, designing and implementing a packet sniffer Linux platform using C language, Computer Networks Course, Instructor: Dr. Ahmad Khonsari.

- *Fall 2008*, simulating the Simple Weighted Fair Queuing (SWFQ) mechanism in an output line of a router under Windows operating system, Operating System Course, Instructor: Dr. Mehdi Kargahi.
- *Fall 2008*, implementing a synchronizer application over network in Linux operating system, Operating System Course, Instructor: Dr. Mehdi Kargahi.
- *Spring 2008*, implementing a graphical Space Invader game in Assembly language under the 8086 architecture, Machine Language Course, Instructor: Dr. Ahmad Khonsari.
- *Spring 2008*, design and implementation of Pipeline, Single Cycle and Multi Cycle Processors using Verilog programming language, Computer Architecture Course, Instructor: Dr. Mohammad Reza Movahedin.
- *Fall 2007*, implementing a Java application for pagination advertisements of Hamshahri newspaper, Data Structures Course, Instructor: Dr. Hesham Feili.
- *Spring 2007*, implementing a game over network based on parallel processing in C++ language under Linux operating system, Advanced Programming Course, Instructor: Mr. Ali Reza Abedinejad.

### ***Research Experience:***

- *Spring 2011 – Summer 2011*, Iran Web Graph Measurements & Evolution, using Hadoop Framework as my Bachelor of Engineering thesis, Instructor: Dr. Azadeh Shakery, Head of Intelligent Information Systems Laboratory.

### ***Work Experience:***

- *Summer 2011*, Internship at Informatics Service Corporation (ISC). This Company supports different banks on various technical and business projects. During this internship:
  - ✓ I obtained adequate awareness of Cisco 4900 and 6500 Families, Switch Modules, Cisco ASA 5500 Firewall & Cisco Access Control Server (ACS).
  - ✓ I gained comprehensive knowledge about Designing Secure Server Farm Site for Sensitive Networks.
  - ✓ I acquired familiarity with redundancy in layer 2 and layer 3 of Cisco Switches.
- *Spring 2011 – Summer 2011*, completion of Cisco Certified Network Associate (CCNA) course at Tehran Institute of Technology (Internship Course). This training course was focused on materials of Cisco CCNA course. During this training course:
  - ✓ I enhanced my abilities in configuring Cisco routers, switches and access points.
  - ✓ I gained comprehensive knowledge and understanding of installing both cable and wireless networks and troubleshooting.
- *Summer 2008 – present*, Linux network administrator of electrical and computer engineering (ECE) at University of Tehran's computer center.
- *Summer 2008 – present*, administrator of personal home page web server of electrical and computer engineering (ECE) at University of Tehran's computer center. (<http://khorshid.ut.ac.ir/>)

- *Summer 2010 – Fall 2010*, developing an “Integrated Student's Curricular Program” for Faculty of Engineering, University of Tehran.
- *Spring 2009 – Winter 2009*, worked as a member of a team for implementing an ISA Server for Payam Noor University (distant learning university in Iran).
- *Spring 2009 – Spring 2010*, member of Software Bank (under the supervision of ACM student chapter) in the ECE School of University of Tehran.

### ***Computer Skills:***

- Programming Skillful in NS-2 Simulator Language (tcl), C, C++, Java, Java Servlet, JSP, PHP, MySQL, Python, Assembly 8086, Verilog, HTML, CSS, Java Script.
- Network Familiar with configuring Cisco routers, switches and firewalls.
- Engineering Software Quartus, Modelsim.
- Distributed Computing Experienced in configuring Apache Hadoop and related Cluster using for running Hadoop. Familiar with Map/Reduce concept and able to write Map/Reduce applications.
- Other Skills Familiar with Windows, Linux and MS-DOS operating systems. Apache, Ant, Wicket and Hibernate Framework. Nutch Crawler and it's structure. Microsoft Office.

### ***Languages:***

- Farsi Native
- English Fluent
- Arabic Familiar

### ***Hobbies / Interests:***

- Playing and watching football.
- Traveling, Swimming.
- Computer Games

### ***References:***

- Dr. Ahmad Khonsari, Assistant Professor, School of Electrical and Computer Engineering, University of Tehran, Email: [ak@ipm.ir](mailto:ak@ipm.ir).
- Dr. Ramtin Khosravi, Assistant Professor, School of Electrical and Computer Engineering, University of Tehran, Email: [rkhosravi@ece.ut.ac.ir](mailto:rkhosravi@ece.ut.ac.ir).
- Dr. Azadeh Shakery, Assistant Professor, School of Electrical and Computer Engineering, University of Tehran, Email: [shakery@ece.ut.ac.ir](mailto:shakery@ece.ut.ac.ir).