

Arash Jalal Zadeh Fard

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Summary of Qualifications

- 5+ years of experience on administration of Computer Networks
- Proven skills in designing and implementing Computer Programs
- Recognized for knowledge on High Performance Computing by peers and professors
- Possesses excellent team-working skills

Education

PhD program in Computer Science Expected December 2012
The University of Georgia, Athens, GA

Master of Science in Electronic Engineering June 2000
Amirkabir University of Technology (Tehran Polytechnic), Tehran, Iran
Thesis: Parallel Processing System Using Pentium Computers

Bachelor of Science in Electronic Engineering December 1994
Iran University of Science and Technology (IUST), Tehran, Iran
Thesis: Design and implementing a Printer Buffer using 8031 microcontroller

Skills

- Programming languages: C, C++, Java
- Operating Systems: Windows 98/ NT/ 2000/ XP/ Vista/ Linux
- Network Software: MS ISA Server, MS Exchange Server, Windows Active Directory, MRTG
- Operational software: Matlab, Maple, MS Excel, MS FrontPage, MS word

Professional Experience

Mahab Ghodss Consulting Engineers Company Tehran, Iran
Network Administrator September 2000 – December 2008

- Installed, configured and maintained Computer Network Devices such as switches, routers, and wireless access-points, and Network Services such as Windows Active Directory, DHCP, and DNS
- Managed a LAN with more than 1000 nodes, distributed among various buildings
- Contributed to the Management Information System of the company
- Dedicated 30 hours a week to the job

Research Experience

Department of Computer Science, The University of Georgia Athens, GA
Research Assistant January 2009 – Present

- Research on Reconfigurable Multi-Ring Network
- Gain knowledge in Interconnection Networks, and Network Simulation
- Dedicate 14 hours a week to research

High Performance Computing Research Center, Amirkabir University of Technology Tehran, Iran
Researcher June 2000 – December 2008

- Studied different aspects of Cluster Computing such as Parallel I/O, Workload Management, and High Availability
- Integrated some Linux-Cluster systems from scratch
- Programmed some scientific parallel programs using MPI
- Dedicated 20 hours a week to research

Honor

The 21st Khwarizmi Award for applied research on Cluster Computing in February 2008