

Research Interest My research interests lie primarily in wireless networks, sensor networks and LTE networks.

Education **The University of Texas at Dallas** August 2008 - Present
PhD Student in Computer Science Advisor: Dr. Ravi Prakash

The University of Texas at Dallas 2007 - 2008
Master of Science in Computer Science Advisor: Dr. Ravi Prakash

Sharif University of Technology
Bachelor of Science in Computer Software Engineering Advisor: Prof. Mohammad Ghodsi

Work Experience **Aria Rasana Tadbir** Software Developer, Quality Assurance
Tehran, Iran Aug. 2004 - Dec.2006
Wrote an issue tracking system and a monitoring and auditing software for various DSLAMs and other equipment throughout the country.

Portnet Multimedia Linux Administrator, Software Developer
Tehran, Iran Jan. 2002 - Aug. 2004
My tasks in this hosting company included maintaining Linux and NetBSD servers as well as web based software development.

Research Experience **Distributed Systems Lab, UT Dallas** Research Assistant
Richardson, TX January 2007 - Present
Research on wireless networks: MANETs and WSNs. Currently involved in the *Advanced wireless Environment Research Testbed (ASSERT)* project

ADA Parallel Processing Lab, Sharif University of Tech Research Assistant
Tehran, Iran Aug. 2004 - Jan. 2006
Research activities: Parallel Processing on ADA cluster, Web Compression and Search Engine Design. As part of a Iran Telecommunication Research Center (ITRC) funded project I participated in design and development of a clustered search engine.

Fraunhofer-Gesellschaft Research Assistant
Darmstadt, Germany Summer 2003
Research and Development in the fields of Computer Supported Cooperative Learning (CSCL) and Mobile Learning.

AICT Center, Sharif University of Tech Research Assistant
Tehran, Iran Jun. 2001 - Aug. 2004
Research and Development in the fields of Computer Networks, Databases, Image Processing and web technologies.

Publications **“Graph Based Resource Management in Long Term Evolution Networks”** in preparation
Authors: Ehsan Nourbakhsh, Ravi Prakash

“RF in the Jungle: Effect of Environment Assumptions on Wireless Experiment Repeatability” to appear, IEEE ICC 2009
Authors: Ryan Burchfield, Ehsan Nourbakhsh, Jeff Dix, Kunal Sahu, S. Venkatesan, Ravi Prakash,

“Web Graph Compression by Edge Elimination” IEEE DCC, poster, 2006
Authors: A. Mahdian, H. Khalili, E. Nourbakhsh, M. Ghodsi

“Application of Software Engineering Methods on Open-Source Development” [in Farsi]
FarsiLinux Project Documentation Authors: Ehsan Nourbakhsh, Masoud Arasteh

Qualifications *Programming Languages:* C++, C, PHP, MySQL, Java, Perl, nesC, SQL
Libraries and Tools: Vim, STL, OpenGL, L^AT_EX, GCC, GDB, Apache, BIND, Make, Postfix, Qmail, Sendmail, OpenSSL, Subversion, OpenLDAP, MySQL, TinyOS