

Seyedehmina Doroud (Mina Doroud)

PERSONAL INFORMATION

Date of birth: August 1984
Nationality/Citizenship: Iranian

Marital Status: Single
Sex: Female

CONTACT INFORMATION

Digital Media Lab, No. 324,
Department of Computer Eng.,
Sharif University of Technology,
Tehran, Iran

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RESEARCH INTEREST

- Models and Algorithms for Social Networks
 - Internet Models and Algorithms
 - Network Analysis
 - Computer Networking, Sensor Networks
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EDUCATION

Department of Mathematical Science, Sharif University of Technology, **2007-2009**
Tehran, Iran,
M.Sc. in Computer Science, Major in Scientific Computation
Thesis Topic: Maximizing Social Influence in Social Networks, **Thesis grade: 19.3/20**
Under Supervision of Prof. E. S. Mahmoodian and Prof. H. R. Rabiee
GPA: 17.51/20 equivalent to **3.50/4 (2nd Rank in Class of 2007)**

Department of Mathematical Science, Shahid Beheshti University, **2002-2006**
Tehran, Iran
B.Sc. in Computer Science, Major in Information Systems
Thesis Topic: Cryptographic Hash Function, **Thesis grade: 20/20**
Under Supervision of Prof. H. Hajiabohassan
GPA: 16.67/20 equivalent to **3.334/4 (2nd Rank in Class of 2006)**
GPA(last two years): 17.68/20 equivalent to **3.536/4**

HONORS AND AWARDS

- Ranked 2nd in total GPA among Shahid Beheshti University Computer Science B.Sc. class of 2006.
- Ranked 27th in National Graduate Entrance Exam in Computer Science Iran, 2007
- Ranked 2nd in total GPA among Sharif University of Technology Computer Science M.Sc. class of 2007 (my own major (Scientific Computation))
- Ranked 3rd in total GPA among Sharif University of Technology Computer Science M.Sc. class of 2007 all majors

RESEARCH
EXPERIENCE

Digital Media Lab,
Sharif University of Technology,
Tehran, Iran
Research Assistant
Supervisor: Prof. H. R. Rabiee
Research Subject: Social Influence in Social Networks

May 2008 - present

**Institute for Studies in Theoretical
Physics and Mathematics (IPM),
Tehran, Iran**
Research Assistant
Member of IRANet, Iran Research and Academic Network
Supervisor: Dr. M. Abbaspour
Research Subject: Network Security, Intrusion Detection Systems

Mar 2006 - May 2008

Shahid Beheshti University, Tehran, Iran
Member of a group research Management of Information systems (MIS)
Supervisor: Professor B. Zakeri
Research Subject: E-government

Oct 2005 - Feb 2006

PUBLICATIONS

Papers

- Mina Doroud, M.Soleimani, E.Khosrowshahi Asl, M.Damanafshan, A.Behzadi and M.Abbaspour
“RAAS: A Reliable Analyzer and Archiver for Snort Intrusion Detection System”, *ACM
Symposium on Applied Computing (SAC07)*, Seoul Korea, March 2007.

WORK
EXPERIENCES

Software Developer	Iran Ball Bearing Co. Tehran, Iran	July 2004-Nov 2004
Network Security Researcher	Iran Research and Academic Network Tehran, Iran	Mar 2006-May 2008

VOLUNTEER
WORK

Photographer Sharif Daily Newspaper 2007-2008
Sharif University of Technology, Tehran, Iran
Sharif Daily is student organization in Sharif which publishes newspaper twice a week mainly about campus news.

PRESENTATIONS

- April 20, 2006 - IRANet, IPM, **Anomaly Approaches for Intrusion Detection**
- June 15, 2006 - IRANet, IPM, **Constructing Attack Scenarios through Correlation of Intrusion Alerts**
- November 11, 2006 - IRANet, IPM, **Decision Tree Learning**
- December 21, 2006 - IRANet, IPM, **A Dynamic Data Mining Technique for Intrusion Detection Systems**
- January 20, 2007 - IRANet, IPM, **Learning sets of rules**
- May 9, 2007 - IRANet, IPM, **Feature Selection for Intrusion Detection Systems**

- May 27, 2008 - Department of Mathematical Science, Sharif University of Technology **Eigenvalue Problem**
 - July 03, 2008 - Iranet, IPM, **Support Vector Machines**
 - July 15, 2008 - Department of Computer Engineering, Sharif University of Technology **Watermarking of Sensitive Data in Relational Databases**
 - November 5, 2008 - Digital Media Lab, Sharif University of Technology **Social Networks, Social Influence and diffusion models**
 - November 5, 2008 - Digital Media Lab, Sharif University of Technology **Centrality indices in Network Analysis**
 - December 14, 2008 - Department of Mathematical Science, Sharif University of Technology **Optimization Flow Control**
 - April 29, 2009 - Department of Mathematical Science, Sharif University of Technology **Social Influence in Different Social Networks**
 - June 17, 2009 - Department of Mathematical Science, Sharif University of Technology **Maximizing Social Influence in Social Networks**
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TRAININGS

- Fall 2002, Khaje NasirToosi University of Technology, Information Technology Workshop
 - Winter 2003, Isiran Institute, Network+ (30-hour course)
 - Summer 2004, Isiran Institute A+ (50-hour course)
 - Fall 2006, Institute for Studies in Theoretical Physics and Mathematics (IPM), Network Security Workshop
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PROFESSIONAL SKILLS

- Programming Languages: Java - C# /C++/C - Pascal
 - Operating Systems: Unix/Linux, Windows(2000/XP/Vista)
 - Applications: MS Office Rational Rose MATLAB
 - Database Systems: SQL Server 2000, MySQL
 - Typesetting: T_EX, L^AT_EX, Microsoft Word
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LANGUAGE SKILLS

Persian: Native
English: Fluent
 TOEFL iBT - 24 August 2008
 Total: 101/120 - Reading 28/30, Listening 27/30, Speaking 24/30, Writing 22/30

REFERENCE

Dr. Ebadollah S. Mahmoodian
 Professor, Department of Mathematical Science,
 Sharif University of Technology, Tehran, Iran
 Email: emahmood@sharif.edu

Dr. Hamid Rabiee
 Associate Professor, Department of Computer Engineering,
 Sharif University of Technology, Tehran, Iran
 Email: rabiee@sharif.edu

Dr. Maghsoud Abbaspour
 Associate Professor, Department of Computer Engineering,
 Shahid Beheshti University, Tehran, Iran
 Email: maghsoud@ipm.ir