

# CURRICULUM VITAE



ALIREZA  
SABERI

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## EDUCATION

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**2005-2007:** M.Sc. in Software Engineering, Iran University of Science and Technology, Tehran, Iran. GPA: **18 / 20**.

Thesis Title: *Two Mechanisms against Phishing based on Scam Detection and Authentication*

**2001-2005:** B.Sc. in Software Engineering, Computer Engineering Department, Shahid Bahonar University, Kerman, Iran. GPA: **15.78 / 20**.

Thesis Title: *Using Mobile Agents to improve E-Commerce safety*

## PUBLICATIONS

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### Journal:

- [1] M. Sharifi, **A. Saberi**, M. Vahidi, and M. Zoroufi, "A Zero Knowledge Password Proof Mutual Authentication Technique against Real-Time Phishing Attacks", 3<sup>rd</sup> International Conference on Information Systems Security, Lecture Notes in Computer Science (LNCS), pp. 254-58, India, 2007.
- [2] M. Sharifi, H. Salimi, **A. Saberi**, "Applications, Methods and Tools for Virtual Machine Monitor Detection", Journal in Computer Virology (Submitted).
- [3] **A. Saberi**, M. Sharifi, "SPP is Vulnerable to Brute Force and Pharming Attacks", (in progress)

### Conference:

- [1] **A. Saberi**, M. Vahidi, B. Minaei, "Learn to Detect Phishing Scams Using Learning and Ensemble Methods", IEEE/WIC/ACM International Conferences on Web Intelligence and Intelligent Agent Technology, Workshop on Web Security, Integrity, Privacy and Trust, pp. 311-14, Silicon Valley, USA, 2007.
- [2] M. Sharifi, M. Zoroufi, **A. Saberi**, "How to Counter Control Flow Tampering Attacks", IEEE/ACS International Conference on Computer Systems and Applications, pp. 815-818 Amman, Jordan, 2007.
- [3] **A. Saberi**, J. Azimi, M. Abdoos, B. Minaei, "Applying Data Mining Techniques For Scam Detection", Computer Society of Iran Computer Conference, pp.443-50, Tehran, Iran, 2007.
- [4] M. Abdoos, J. Azimi, **A. Saberi**, M. Analoui, "Clustering Ensemble Using a Novel Feature Space", Computer Society of Iran Computer Conference, pp. 463-68, Tehran, Iran, 2007.
- [5] M. Sharifi, H. Siadati **A. Saberi**, "IUST Anti-Phishing Toolbar", The 4<sup>th</sup> Iranian Society of Cryptography Conference, pp. 235-43, Tehran, Iran, 2007.

## **AWARDS AND HONORS**

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- Ranked 1<sup>st</sup> among all M.Sc software engineering graduates of Iran University of Science and Technology, 2007.
- Ranked 42<sup>nd</sup> among more than 8,000 graduate applicants in the Graduate Iranian Nationwide University Entrance Exam, 2005.

## **PROFESSIONAL AND ACADEMIC EXPERIENCE**

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- [1] Referee, The 3<sup>rd</sup> IEEE International Conference on Information & Communication Technologies: from Theory to Applications 2008 (ICTTA08).
- [2] Editor of “*Intelligent World*” Magazine, Bahonar University, Kerman, Iran, 2002-2004.
- [3] Design and Implementation of Education Department Database with Post Gree SQL, Kerman, Iran, 2003.

## **TEACHING EXPERINCES**

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- Instructor, Compiler Principles, Website Programming and design, Data Base Management Systems, Tehran Technical College of Dr. Shariaty, 2009.
- Teaching Assistance in Operating System Lab, Iran University of Science and Technology, 2008.
- Teaching Assistance in Data Mining Course, Iran University of Science and Technology, 2007.
- Teaching Assistance in Assembly Language Course, Iran University of Science and Technology, 2006.
- Instructor, Data Base Management Systems, University of Applied Science and Technology, 2005-2006.
- Instructor, Data Storage and information Retrieval System, University of Applied Science and Technology, 2005-2006.
- Instructor, Network Administration, Kerman University, 2003-2004.

## **TECHNICAL SKILLS**

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### Language:

- Programing Language: Assembly, C, C++, C#, Basic, Visual Basic, Java
- Java Source Code Metaprogramming: Recoder
- Web Technologies: DHTML, ASP, ASP.NET, JavaScript, XML, XSD, XSLT
- Description and Modeling Languages: AVISPA, Petri Net, UML

### Tools:

- Programming Tools (MS Visual Studio, JBuilder, Eclipse)
- Virtual Machines (Xen, QEMU, Vmware, VirtualBox)
- Word Processing (Word, LaTeX)

### Familiar with:

- Linux (General: Ubuntu, Penetration Testing: BackTrack)
- Experience in Linux Kernel Module Programming and Kernel Level Debugging
- Network Concepts and Administration
- Network Security
- Experience in JIF Programming Language
- IIS, Apache Server
- Databases: MS-SQL Server, Post Gree SQL, My SQL

## TECHNICAL REPORTS

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- [1] XML Based Databases, **A. Saberi**, M. Haghjou, Advanced Database Management Systems course project Report, 2005.
- [2] Design and Implementation of Task Graph for Java, **A. saberi**, S. Parsa, Advanced Compiler Course Project, 2006.
- [3] Using Data mining for Scam Detection, **A. Saberi**, B. Minaei, Data mining and Machine Learning Course Project Report. 2006.
- [4] A Survey on Phishing Detection and Prevention, **A. Saberi**, M. Sharifi, Lecture Course, 2006.
- [5] Real Time Operating Systems, **A. Saberi**, M. Sharifi, Real-Time systems Course, 2007.
- [6] Virtual Machine Monitor Detection based on Relative Time, **A. Saberi**, M. Sharifi, Distributed Operating Systems course, 2008.

## GRATUATED COURSES

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Advanced Operating Systems	Data mining and Machine Learning
Distributed Systems	Advanced Compiler
Real-Time Systems Design	Parallel Algorithms
Advanced Software Engineering	Modeling and Simulation
Dependable Software Design	Mobile Communications (GSM, GPRS)

## RESEARCH INTERESTS

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Data Mining  
Virtualization Technology  
Software Assurance  
Web Security  
Malware Detection  
Distributed and Parallel Systems

## TEST SCORES

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TOEFL  
Total: 99/120,  
Reading: 27/30, Listening: 23/30, Speaking: 22/30, Writing: 27/30.

GRE General  
Quantitative: 800/800, Verbal: 330/800, Analytical Writing: 3/6.

## HOBBIES

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Swimming, Soccer, Music.

## REFERENCES

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### **Mohsen Sharifi**

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Head of Computer Engineering Department,  
Iran University of Science and Technology,  
Tehran, Iran,  
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