

# Soroush Dalili

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## Personal Statement:

I have recently graduated with distinction from University of Birmingham with a master's degree in computer security. My field of expertise includes security advisory, web application security, penetration testing, and also web developing; I have about 4 years of experience in penetration testing and web developing. I enjoy beneficial and challenging projects; and I believe my experience in IT security and secure programming especially in web applications will prove invaluable to any company.

## Education:

- **Master's Degree in Computer Security** Sept. 2008 – Sept. 2009  
with **Distinction**  
Birmingham University, Birmingham, UK  
Modules included:
  - Computer Security
  - Cryptography
  - Network Security
  - Secure Programming
  - Internet Computing Workshop
- Bachelor's Degree in Electrical Engineering Sept. 2003 – June 2008  
(GPA 81/100 – Top 10%)  
Shahid Beheshti University (SBU), Tehran, Iran

## Work Experience:

- **Security adviser** in Meal2Go Co. Feb. 2009 – June 2009
  - Performing security source code audit (PHP).
  - Improving the local network security.
- **Team coordinator of penetration testing** in April 2007– June 2008  
Amnpardaz Soft. Co.
  - Co-ordinating and performing several penetration testing projects.
  - Participating in staff training.
  - Participating in bugreport.ir project to report applications' vulnerabilities.
- **Web Security Analyst - Part Time** Feb. 2006 – June 2008  
Kahkeshan Institute of technology.
  - Performing several penetration testing and source code audit projects.
  - Attending security training courses.

- **Team coordinator of web developing** in Amnpardaz Soft. Co. (Former ParsITNet) Dec. 2003 – May 2005
  - Managing and developing several web applications (CMS) for customers, using ASP Classic language.
  - Participating in network security projects of Shahid Beheshti University (Computer Centre Support)

### Technical Skills:

- Computer Security: Penetration testing, Web Application Security, Windows Security, Network Security, Source Code Audit.
- Professional programming in: C, Java, ASP Classic, Html, JavaScript, AJAX Technology, XML, JSP, 80X51 Assembly, MSSQL, Postgresql.
- Familiar with programming languages: C++, ASP.Net (C#, VB), PC assembly, PHP, Perl, CFM, Oracle, Mysql.
- **Languages:** English; Farsi (Persian)

### Courses Attended:

- Security+ Kahkeshan Inst.
- Information Security Management Systems -Lead Auditor (IRCA Accredited) BSI

### Teaching Experiences:

- As a consultant I have trained colleagues & staff members in the following areas: Web Security, ASP, HTML & JavaScript, QBasic, MS office, and Windows Series.

### Projects and Achievements:

- MSc. project: **“Text Steganography by using Markov Chain and SCigen application”**.
- BSc. Project: **“Web Application Security in ASP and JSP”**.
- **Performing a workshop on “Hack and Defence”**, 1<sup>st</sup> security of electronic government of Iran – summer 2007.
- **Making the first web surfer in ASP**, recorded in codeproject.com.
- **New ASP code method to separate HTML and ASP without using XML.**
- **Performing penetration testing** (especially on web applications) since 2006.
- **Research experience in the field of web security** since 2003.
- **More than 50 reported security vulnerabilities.** Some of which were submitted in [securitytracker.com](http://securitytracker.com), [securityfocus.com](http://securityfocus.com), [secunia.com](http://secunia.com), [milw0rm.com](http://milw0rm.com), and [bugreport.ir](http://bugreport.ir) from the following applications:
  - Microsoft IIS
  - Hosting Controller
  - MailEnable
  - Mozilla Firefox
  - MS ASP.NET
  - Mailsite (Rockliffe Co.)

- SmarterMail
- MaxWebPortal
- CandyPress eCommerce web app.
- Snitz Forum
- DUware web apps.
- SkyPortal
- Webwiz forum
- EmailArchitect
- And so on.
- **Designing and programming following websites:**
  - Electrical Engineering faculty of Iran University of Science and Technology (IUST)
  - IEEEETCSC for Middle East region
  - Web-based automation system of Informatics Centre of Shahid Beheshti University
  - The primary web-based automation system of Informatics Centre of Management and Planning Organization of Iran
  - Simava Ltd. Company Website

### **Interests and Hobbies:**

- **Research**  
Computer and network security, Web security, Cryptography, Wireless security
- **Other**  
Swimming, Badminton, Mountain Climbing, Fishing, Multiplayer games, Sudoku

### **Publications and Researches:**

- S. Dalili, "scrutiny analysis of web security analyzers", 4th Convention on Information Security Management System (ISMS) Based on ISO 27001 (BS7799-2:2005), Dec. 2006, Tehran, Iran (in Persian).
- S. Dalili, "Web Hacking and its Defence", Annual Student Research Conference (ASRC) of Shahid Beheshti University, May 2006, Tehran, Iran (in Persian).
- A. Jalali, S. Dalili, M. Mousavi, "Web servers: attacks and defence", RICT - Regional Development Rural ICT's Applications Conference, March 2005, Gharnabad, Gorgan, Iran (in Persian).
- A. Jalali, S. Dalili, M. Mousavi, "Web applications: attacks and defence", RICT - Regional Development Rural ICT's Applications Conference, March 2005, Gharnabad, Gorgan, Iran (in Persian).

### **References:**

- Available on request.