Mahmoud Mohammadi

HCI Lab
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Education

2014-Present	University of North Carolina at Charlotte, Charlotte, NC,USA

PhD. In Software Security : Static Code Analysis

2011-2013	University of Tarbiat Modares, Tehran, Iran

Master in Information Technology : Security Visualization

1996-2001	Isfahan University of Technology, Isfahan, Iran

Bachelor in Computer Engineering : Hardware Engineering

Awards and Honors

2014	UNCC graduate school GASP scholarship
2013	Tarbiat Modares University, Graduated *with* First Class Honors

Research Activities

2012-2013	Master of Eng. Thesis School of Engineering, Tarbiat Modares University, Tehran, Iran

o Thesis Title: *Network anomaly detection using log visualization*

2011-2012	Research Assistant School of Engineering, Tarbiat Modares University, Tehran, Iran

o Research Title: *Spam detection system using an expert System*

Professional Experiences

2003-2014	Analyst and Developer

o Developed a web-based application for implementing a Helpdesk system.
o A web-based application for management of business process.
o A web-based application for document management and sharing.
o Implementing an application for personnel evaluation.
o Implementing an application for management of proposals and their workflows.
o Implementing a booking application for sport clubs reservations.

2001-2003   Freelance Developer

- o   Clinic Management System :Analyze, design and coding of an application to manage the patients, medical records, prescriptions, medical expenses.
- o   LMS: Analyze, design and coding of an application to manage the students, teachers, courses, enrollments, payments, scores and report cards

Publications

- M.Sarvi, M.Mohammadi and A. Yazdian, "A fuzzy expert system approach for spam detection", 13th Iranian Conference on Fuzzy Systems (IFSC), August 2013.

Research Interests

- Software Security
- Data Visualization
- Software development methodologies

Technical Skills & Tools

- Programming Languages & Frameworks :
  - o   C#.NET, C++, Delphi, TSQL , JQuery
- Software & Tools :
  - o   Visual Studio .Net, Eclips
  - o   Matlab, Weka
  - o   Microsoft SQL Server, MySQL

Memberships

- o   IEEE Student member