Mostafa A.Shahverdy

Computer Software Engineering

Full Name

Mostafa Ahmadvand Shahverdy

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Languages

Persian native
English proficient
Arabic Basic words

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Education

	Masters of Engineering of Computer Software	Payame Noor University, Tehran

Currently I am studying for my Masters and I will finish on summer of 2018

2006–2010	**Bachelor of Engineering** of Computer Software	Bu-Ali Sina University, Hamedan

Ended up with:

- Analizing and optimizing "Error control for Video Streaming with Small Data Units" on JM reference software
- Developing an application to manage examinations of BTSs.

2004–2006	**Diploma** Mathematics and Physics	Seyfie Talented Students High School, Malayer

Current Situation

Currently I am studying for Masters and in most of my educational time I am searching/studying/testing on different aspects of an academic data mining project. I am also developing a software for small businesses with MT&D, located in Belfast. Currently my research cycle can be itemized in the following categories:

- Programming & Testing
- Data Analysis

Interests

Professional:

- Web Development
- Network Security
- Network Simulation

Personal:
Hiking, Swimming, Soccer, Reading, Writing.

Awards

2007	**ACM 1st Place**	Hamedan ACM
	In Corporation with *Abouzar Alizade*	
2006	**ACM 2nd Place**	Hamedan ACM
	In Corporation with *Mostafa Parchami*	

Experiences

2010–2012	**Bu-Ali Sina University's "National ICTWordnet" Team**	Hamedan, Hamedan

Head Developer

ICTWordnet is one of Iran's national projects, defined by itrc.ac.ir, based on Princton Wordnet, focused on ICT (Information and Communication Technology). Project's first three phase lasted from 2010 to 2012 under leadership of *Dr. Muharram Mansourizade* and *Dr. Mohammad Nassiri*, both from Bu-Ali Sina University.

2010–2012	**Bu-Ali Sina University's "National ICTWordnet" Team**	Hamedan, Hamedan

Head of Datamining Teams

One of most important phases of ICTWordnet project was Datamining, in which we had to form several teams.

2008-2009	**Hamedan Telecommunication Company's "BTS Examination Manager"**

Hamedan, Hamedan

Developing an application to manage examinations of BTSs

Base transceiver station or BTS, is a piece of equipment that facilitates wireless communication between user equipment (UE) and a network. UEs are devices like mobile phones (handsets), WLL phones, computers with wireless Internet connectivity (from wikipedia).

2009	**"Error control for Video Streaming with Small Data Units"**	Bu-Ali Sina

University

Based on an article by *Jari Korhonen* and *Pascal Frossard* titled "Error control for Video Streaming with Small Data Units" I developed and evaluated the proposed method on JM reference software.

2007-2013	**Freelance Web Developing**	Hamedan & Tehran

Developing *Websites* and *Web Applications* using PHP, Javascript, HTML5, CSS3

2008 & 2012	**ACM Jury Team**	Hamedan ACM

Presentations

2011-2013	**Oral Presentation & Teacher Assistance**	Bu-Ali Sina University

Presented 2 seasons on *Web development tools* as a part of *Internet Engineering course*.

Teacher assistant for *Computer Networks* course by *Dr. Mohammad Nassiri*.

Skills

Softwares and Packages

Profession related (with knowledge on source code):

- H.264/AVC JM Reference software
- HEVC
- Zendframework2

General:

- VI/VIM/GVIM
- Git, SVN(elementary SVN commands only)
- Octave(Matlab), Visual Studio, Netbeans and Eclips
- LaTeX & Microsoft Office(Word, Excel, PowerPoint and ...)
- Enterprize Architecture(EA), BoUML, Wordpress, Joomla, Mysql, MSSQL and a lot more...

Programming Skills

- Highly proficient in Web Developing using PHP, Javascript, HTML5 and CSS3
- Advanced Database Designer with MySql and SQLServer
- Advanded Program Designer Using MVC
- Zendframework2 Program Designer
- Advanced JQuery and AngularJs programmer
- Deep understanding of Linuxx; C++ and C software development

Programming Languages

- PHP, Javascript, HTML5, CSS3
- SQL
- Pascal, Assembly, Java, C# and Python, Matlab (All academic only)
- C/C++

Advanced Linux user since 2007 on Debian Family
Mostly focused on:
- Shared Webhosting & VPS Management
- Desktop Environment Personal Use
- Gcc And Development
- Network Simulation
- Web Development

Academic References

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