

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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document is being generated.

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:
- Analyzing 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 Princeton 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 Eclipse
- \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
- Advanced Program Designer Using MVC
- Zendframework2 Program Designer
- Advanced JQuery and AngularJs programmer
- Deep understanding of Linux; 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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