

Seyedamirhossein Hesamian

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EDUCATION:

University of Wisconsin-Milwaukee, Milwaukee, WI
Master of Science: Computer Science, September 2015 - Present (Expected May 2017)
Focusing on Lattice cryptography (post quantum crypto) and LWE-KEX for master thesis

University of Wisconsin-Milwaukee, Milwaukee, WI
Bachelor of Science: Computer Science, September 2011 - May 2015 (with Honors)
GPA: 3.71

Technical Skills:

- **Languages:** Java, JavaScript, SQL, Prolog, MIPS, Python, Ruby and SML
- **Frameworks:** OpenGL, Bash, Qt, GTK package, SQLite, MySQL and couchDB
- **Web Development:** HTML5, CSS3, Node.js, Express.js, Sequelize.js, Underscore.js, Backbone.js, jQuery, jQuery UI, jQuery Mobile, Twitter Bootstrap, Apache Commons, Java Applets, Java Servlets and JavaFX
- **Application Software:** Git, Vim, pfSense, phpMyAdmin, Litespeed, OpenVPN, Microsoft Deployment Services and LaTeX

EXPERIENCE:

Brady Corporation, Milwaukee, WI
Junior Software Developer, January 2017 - Present
Working with Angularjs and Foundation to upgrade existing sales website

UW-Milwaukee Department of Computer Science, Milwaukee, WI
Graduate Teaching Assistant, September 2015 - Present
TA for CS-315 (Assembly language programming - MIPS). Duties and responsibilities:

- Conduct discussion and lab sessions
- Write and grade questions for programming sections of the exams
- Write and grade weekly programming homework
- Write lecture notes for students and other TAs responsible for this class

Northwestern Mutual, Enterprise Projects Department, Milwaukee, WI
Intern Internet Application Developer, June 2015 - August 2015
OBA Project (Scrum Team)

- Worked mostly with Underscore.js, Backbone.js, and Backbone-forms module for front-end of "outside business activity wizard" web application (OBA wizard), and also Node.js / Express.js for proof of concept work
- Added grunt and bower to build the project's dependencies, Minify JavaScript files and perform package management and versioning
- Converted all of the outside business activity disclosure forms to the relational database format (IBM DB2 and SQLite), in addition to design wizard steps and paths to allow wizard application fetch data and create forms
- Worked briefly with Java EE and WebSphere for back-end (WebUI and Web Services)

UW-Milwaukee Department of Material Science and Engineering, Milwaukee, WI
Undergraduate Researcher, May 2013 - May 2015

- Worked with Dr. Pradeep Rohatgi (Distinguished Professor) to implement MAGMA and SolidWorks software in order to simulate Solidification of different materials and teach graduate students how to use the software. Utilized knowledge in Computational Geometry and Differential Equations

Swick Technologies, Wauwatosa, WI

IT Specialist, July 2011 - August 2011

- Worked with Active Directory and Microsoft Deployment Services to deploy Windows-7 on High School computers

Web Developer & Network Specialist, 2009 – August 2010

- Developer of upload center website (uploadbaz.com) which is based on "XFileSharing Pro" script and has a global rank of ~5000 according to Alexa.com
- Developer of a Persian music portal/Website (musicbaran.com) which uses custom theme based on "Php-Nuke" framework
- Developer of domain and hosting services website (ITjavani.ir) which uses custom theme based on Drupal Framework
- Implemented Proxy and VPN Server (PPPoE-L2TP-Ipsec-OpenVPN) on Ubuntu and Windows Server to bypass filtered Internet

HONOR & AWARDS:

- FEF / AFS Scholarship, 2014 and 2015: 2 X \$1000
- Certificate of Merit, 2013. For Outstanding Academic Achievement in Mathematical Science 234: Linear Algebra and Differential Equations
- Dean's list in years of: 2011, 2012, 2013, 2014
- Graduating from the College of Engineering and Applied Science with Honors, 2015

Work Authorization:

- Naturalized U.S. citizen (naturalized in 2015)