Maziar Aboualizadehbehbahani

Education

2014 – 2016   **Master of Science**, *Purdue School of Engineering and Technology*, IUPUI.
Computer Engineering, University Fellowship GPA: 3.75/4.0

2007 – 2012   **Bachelor of Science**, *University of Tehran, ECE Department*, Iran.
Information Technology Engineering, Last 2 years GPA 15.70 out of 20

Work Experiences

2016 – now   **CTO**, *CourseNetworking, LLC*, Indianapolis, USA.

2014 – 2016   **Project Lead at R&D Laboratory**, *CyberLab*, Purdue University, IUPUI, USA.

2010 – 2014   **Head of Software Division**, *EhSAA Corp.*, Iran.

2014 – now   **www.theCN.com**, *Project started at 2011, I joined them from 2014. theCN.com is a social-educational web application*, CyberLab at IUPUI, CourseNetworking, LLC, USA.

2012 – 2014   **Implementation of a Real-Time Door Status Monitor Software through ASSA ABLOY Arx Access**, *C#*, EhSAA Corp..

2012   **Design & implementation of an Electronic Toll Collection System**, *Java, MySQL, Distributed Thin Linux*, EhSAA Corp.

2012   **Integration of IndigoVision Cameras & ASSA ABLOY Arx Access**, *C#*, EhSAA Corp.

2011   **Integration the Securit World Ltd Badge Maker & ASSA ABLOY Arx Access**, *C#, Python, PostgreSQL*, EhSAA Corp.

2011   **Implementation of a Time & Attendance Software through ASSA ABLOY Arx Access**, *C#*, EhSAA Corp.

Technical Skills

-**Programming:** C#.NET, LINQ, C/C++, Java, Android

-**Web Development:** ASP.NET MVC, HTML, CSS, Javascript,Jquery, PHP, Yii

-**Database:** MySQL, MSSQL, PostgreSQL, SQLite, MongoDB

-**Development environment:** Visual Studio, Android Studio, Netbeans, SVN, Git, Jira, Redmine

-**Other:** Linux, Latex, EC2, LTI, IP Camera

Academic Projects

2014 – 2016   **M.Sc. Thesis Project, "Proposing a New System Architecture for Next Generation Learning Environments"**, *PHP, MongoDB, LTI*, Prof. Ali Jafari, Dr. Brian King, Dr. Huanmei Wu, Purdue School of Engineering and Technology, ECE Department, Indianapolis, USA.

2011 – 2012   **B.Sc. Thesis Project, "Design and Implement of Micro Content Database Based on Service-Oriented Architecture"**, *C#, PHP, MySQL*, Dr. Fattaneh Taghiyareh, University of Tehran, Iran.

2011   **Design and Implementation Database for a Budget management system**, *C#, MS SQLServer 2008*, Database Lab.

2010   **Implementation of Travelling Salesman Problem using Genetic Algorithm**, *C#*, Artificial Intelligence.

2010   **Design and implementation of a DNS server using C (Linux) Design, implementation of a simple Torrent network using Java**, *Computer Networks*.

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2010 **Design and implementation of a personal webpage using PHP, HTML, CSS and JavaScript with respect to MVC framework and design and implementation of a simple web-server using C#**, *Dr. Abbas Nayebi*, Internet Engineering.

2010 **Design, implementation and marketing of a Taxi Service Automation**, *using C#, LINQ and MS SQL*, Information Technology Lab.

2010 **Design and implementation of a virtual device driver using C**, *Operating Systems Lab.*

2009 **Implementation of a remote shell in Linux using C**, *Operating Systems.*

2008 **Design and implementation of a network-based game similar to DOTA (War Craft III)**, *C++, SDL*, Advanced Programming.

2007 **Fundamentals of Computer and Programming, Designing a versatile spreadsheet program using C**.

Academic Experiences

2014 – 2016 **Graduate Research Assistant at CyberLab**, *Purdue University, IUPUI*, USA.

2010 **Instructor**, *University of Tehran*, Iran.
Web Design, ACM Student Chapter, ECE Faculty, University of Tehran, (Summer 2010)

Teaching Assistant, *ECE Faculty, University of Tehran*, Iran.
- Advanced Programming (Fall 2009, Spring 2010)
- Data Structure (Fall 2010)
- Design and Analysis of Algorithms (Fall 2010)
- Introduction to Computing Systems and Programming (Fall 2010)
- Internet Engineering (Spring 2011)
- Chief TA, Technical and Scientific Writing (Spring 2011)

Publications

2012 **Maryam Tayefeh Mahmoudi, Mahnaz Parsanasab, Maziar Aboualizadeh Behbahani**, *Morvarid Khadem Haghighat, Fattaneh Taghiyareh*,**"Automatic Semantic Schema for Accurate Retrieving of Education-Supportive Documents"**, *Published* in 6th IEEE International Conference on E-Learning in Industrial Electronics (ICELIE'12).