



Curriculum Vitae

Mohammad Jafarabad , Ph.D. Student
Assistant Professor of Computer Engineering
Computer Engineering Department, Faculty of Engineering
Technology,
Eastern Mediterranean University, Famagusta, North Cyprus.

Jafarabad received Master Degree in Computer engineering, IRAN in 2007. In 2008, He joined university, Ministry of Higher Education, Iran, to work as Instructor/Engineer for teaching computer technology courses as Operating systems, Data Base, Electronics, and Computer Programming with Prolog. In 2012 he joined Eastern Mediterranean University in North Cyprus to work toward a Ph.D. Degree in Computer engineering with specialty in Distributed systems and programming.

Personal Information

- *Name* : *Mohammad Jafarabad*
- *Nationality* : *Iraanian*
- *Date of Birth* : *07/08/1984*
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Academic Degrees and Transcripts

- *Ph.D. Student : Computer Engineering Department; Faculty of Automation, Eastern Mediterranean University, 2012, Famagusta, North Cyprus.*
- *Title : Distributed systems and programming*
- *M.Sc. : Computer Engineering - Computer System Architecture, Dezfoul Branch Islamic Azad University, 2011, Dezfoul, Iran.*
- *Title : Speed improvement in public key cryptography*
- *Additional Qualification*
 - *certificate of technical and vocational skill (Computer Operator), 2003*
 - *Computer Networks courses and other related courses*

Languages:

- *Farsi*
- *English*

Academic Experiences

- *2007-2008, Teacher in the field of Computer Engineering in Azad University.*
- *2009-2010, Teacher in the field of Information Technology in Payame Noor University.*

Papers

- *Encryption of Compressed Multi Media Data, International Journal of Computer Applications 59(19):51-55, December 2012.*
- *New approach to software regression testing with using Neural Networks, Hungary, 2012*
- *Formation of the next generation of smart mobs using mobile networks, Journal of Fundamental and Applied Life Sciences, 2014 Vol. 4 (S1) April-June, pp. 1763-1770*
- *The Proposal of Giving two Receipts to Voters for Increase the Security of Electronic Voting, Australia, 2014*
- *Improving Biochemical NER Performance Using: Particle Swarm Optimization with Naive Bayes Combination Method, Austria, 2014*

Courses taught at university level for Undergraduate level:

- *Data Structure and algorithms.*
- *Circuit Logic*
- *Fundamentals of Computer and Programming*
- *Fundamentals of Management and Technology*
- *Storage and Retrieval*
- *Theories of Languages*
- *Microprocessors and assembly language.*
- *Computer graphics.*
- *Computer architecture.*
- *Coding and Security*

Research Interests:

- *Multipliers, dividers, adders etc*
- *Image processing and pattern recognition*
- *Computational intelligence, soft computing*
- *public key cryptography*
- *Multi-core architectures.*
- *Modeling Multimedia Systems*

Skills:

Languages	Microsoft C# .NET, Microsoft VB6
Databases	Microsoft SQL Server 2000
Tools	Microsoft Visual Studio 2000
logic programming language	Prolog
Educational programming - Software development languages	C, Pascal, C++, Assembly
hardware control Language	VHDL(Quartus II), proteus-professional

Projects:

- 1- Since April 2006, have around 1 year of extensive hands on experience of designing an Electronic Election software.*
- 2- In 2006, i Build an LED Intelligence Display Board.*
- 3- Since April 2005, have around 6 years of extensive hands on experience of designing a answering machine based on telephone. It is written getting Automatic Surveys.*
- 4- Since March 2007, have around 4 years of extensive hands on experience of designing a Bulk SMS software. It has database and is based on two important component (mcore and lcgsmsms). it work with mobile and GSM Modem.*

Participation in internal conferences:

25 papers in Shahid Beheshti university, Shiraz university, Guilan university,...

Mathematical Idea:

I work on implementation and security of a RSA system with matrix, and I improve the security of the approach. The document of changing system is available.

Hardware Idea:

I study a lot about fast multiplayer and adders and also in modular mode and i improve a binary to BCD multiplier that was introducing in an article.