

Curriculum Vitae

Mostafa Ayoubi Mobarhan

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Personal Data:

Name: Mostafa Ayoubi Mobarhan

Place of birth: Rasht, Iran

Date of birth: 22.05.1987

Nationality: Iranian

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Education:

PhD Candidate in Computer Engineering

Eastern Mediterranean University

Computer Engineering Department

Supervisor: Dr. Muhammed Salamah

CGPA: 3.87 out of 4

MSc in Information Technology Engineering (2012)

University of Guilan, Rasht, Iran

Computer Engineering Department

Supervisor: Dr. Asadollah Shahbahrami

Thesis Title: "A New Secure Model for Mobile Payment through GPRS"

CGPA: 18.21 out of 20.00

B.Sc. degree in September 2010, Islamic Azad University, Lahijan Branch (Iran)

Faculty: Electrical Engineering

Field: Electronic Engineering

Thesis Title: “Robot Routers”

CGPA: 15.22/20 (Fifteen point Twenty Two out of Twenty)

Publications:

There are several papers accepted in different conferences and journals. A list of the papers is shown in Table 1 (below). You can check them academically.

Table 1: list of papers

	Title of paper	Name of conference or journal	Date	Country
1	Evaluation of Huffman and Arithmetic Algorithms for Multimedia Compression Standards	International Journal of Computer Science, Engineering and Applications (IJCSEA), Vol. 1, N. 4.	August 2011	France
2	A License Plate Detection Algorithm using Edge Features	First International Conference on Soft Computing, Artificial Intelligence and Applications (SCAI), Vol. 166, pp 413-421, Springer-Verlag Berlin Heidelberg	May 2012	India
3	License Plate Identification Algorithms Using Color Analysis and Edge Features	International Review on Computers and Software (IRECOS), Vol. 7, N.3	May 2012	Italy
4	Evaluation of Security Attacks on UMTS Authentication Mechanism	International Journal of Network Security & Its Applications (IJNSA), Vol.4, N.4.	July 2012	India
5	Evaluation of Security Attacks on Different Mobile Communication Systems	Canadian Journal on Network and Information Security Vol. 3, N. 1.	August 2012	Canada
6	The Analysis of Security Issue in GPRS Network and Appropriate Strategies for them	Conference on Computer Science, Engineering and Information Technology, Research week at International Campus of the University of Guilan	December 2011	Iran
7	A Comparison between GSM and GPRS Network and their features	Conference on Computer Science, Engineering and Information Technology, Research week at International Campus of the University of Guilan	December 2011	Iran
8	An Evaluation of Real Time License Plate Detection Systems	Congress on Electrical, Computer and Information Technology (I.T.) Engineering	November 2012	Iran
9	Different Security Attacks on UMTS	6th International Conference on E-Commerce	May 2012	Iran
10	Security Vulnerabilities of the GSM, GPRS, and UMTS Systems	6th International Conference on E-Commerce	May 2012	Iran
11	Survey of Authentication Algorithms in WAP Protocol	1st National Conference on Computer Science, Engineering and Information Technology	November 2012	Iran
12	A Suitable Security Model to Confront Man-in-the-middle Attack in the GPRS Network	1st National Conference on Computer Science, Engineering and Information Technology	November 2012	Iran
13	Survey of Attacks and Security Problems in GSM Systems	1st National Conference on Computer Science, Engineering and Information Technology	November 2012	Iran
14	A Survey of Electronic and Mobile Commerce Processes and their Benefits	1st National Conference on Computer Science, Engineering and Information Technology	November 2012	Iran
15	The Analysis and Comparison of Security Protocols in WAP and I-Mode Technologies	2nd Lahijan’s National Conference on Software Engineering (LNCSE)	October 2012	Iran

Research Interests:

1. Information Systems in Mobile Communication
2. Computer Architecture for Embedded Systems (CAES)
3. Security Network Systems
4. Security Management Systems
5. Security Protocols in Wireless Networks
6. Design and Analysis of communication Systems
7. Distributed and Embedded Security (DIES)
8. Telecommunication Engineering (TE)
9. Image Processing
10. Internet of Things (IoT)

Research Experience:

1. Design and execute Image Processing methods in LPD systems
2. Collaborate and coordinate with research group in Communication Security issues
3. Contribute to Mobile Networks projects
4. Design and implementation of BMS (building Management System)

Technical Skills:

Academic and industrial software:

1. Microsoft Visual Studio
2. Dev C++
3. MATLAB
4. Altium Designer
5. Atmel Studio
6. Proteus
7. Code Vision
8. Bascom AVR
9. WEB Programming (PHP, XML, HTML, CSS, JAVA)
10. Android Studio (for Android programming)
11. Eclipse (for Android programming)
12. MS project
13. SQL Server management

Programming languages:

1. C++ Programming
2. C# for Windows Programming

3. XML and JAVA for Android Programing
4. Bascom and C for AVR Programming
5. PHP, HTML, CSS, JAVA and ASP for Web Programing
6. SQL Language Programing
7. MATLAB Programing (for Image Processing)

Languages:

1. English: Fluent