

# CURRICULUM VITAE



## 1- Contact Information:

- 1) **Name:** Fahad Layth Malallah.
- 2) **Currently:** Lecturer at Cihan University, Computer Science.
- 3) **Specialist with:**  
Research Assistant & lecturer with: Computer Vision & Artificial Intelligent, Computer Security.
- 4) **Cihan University Website Administrator**
- 5) **Member in National University Ranking at Cihan University.**
- 6) **Contact:**  
[Fahad@cihanuni-sul.com](mailto:Fahad@cihanuni-sul.com)  
[Fahad.layth.86@gmail.com](mailto:Fahad.layth.86@gmail.com)
- 7) **Language:**
  - A. Arabic, it's my native tongue.
  - B. Fluent speech, V.good with writing, listening and reading English Language.
  - C. Basic with Malay & French Language.

## 2- Education

Year	Degree	University
2014	M.Sc. in Computer & Embedded System/	Putra / Malaysia

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Engineering

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**2- Currently Teaching**

- 1- Information Security.
- 2- Parallel Processing.
- 3- Statistics.
- 4- Computer Skills.

**3- Willing to Teach**

- 1- Computer Architecture.
- 2- Image Processing.
- 3- Control System.
- 4- Electronic Circuit.
- 5- Microprocessor (8086).
- 6- Digital Signal Processing.
- 7- Computer Network.

**4- Supervising Bachelor Student**

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Student Name	Degree Graduated	Project Title	Year
Rebar Araz		Securing Text inside a Dynamic	2014-2015
Jallal		Handwritten Signature as Steganography Application	

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## 5-Experience Company Work

Year	Company / Institute	Field
2010-2012	Engineer at Nokia Siemens Network (NSN)	Vendor Telecommunication for Zain Iraq / service operations Senior Engineer.
2009-2010	Engineer at Huawei	Vendor Telecommunication for Asia Cell/ Junior Engineer.

## 6- Academic & Researches Interests

### A-Subjects:

- Image, Signal and Video Processing.
- Computer Vision (**highly motivated with: Improving accuracy of Object detection, Video Surveillance detection, 3D-Face recognition, 3D image coding and encoding theories and gesture**).
- Pattern Recognition.
- Cryptography and Computer Security (**Cloud Security**).
- Computer Networks (Cisco).

### B-Tools used for prospective research:

- Program language: C++, Matlab, Visual Basic(.net), HTML, SQL and VHDL.
- Microcontroller programming using either assembly language or C++.
- Personal Computer, Microsoft Office (Word, Excel, Power Point, Access, Outlook, Accounting).
- Packet tracer Software (Network Simulation).

### C- Ongoing Research Involved:

- 1- Arabic (Hindo Numerical) Number Offline Print written Number Recognition from Image.
- 2- Real Human Height Estimated by Image or Video Surveillance.

**Both Using: Matlab.**

## **7- Research Publications**

### **A- Journals:**

1. **F. L. Malallah**, S. M. S. Ahmad, W.A. W. Adnan, O. A Arigbabu, V. Iranmanesh and S. Yussof ” Online Handwritten Signature Recognition by Length Normalization using Up-Sampling and Down-Sampling” International Journal of Cyber-Security and Digital Forensics (IJCSDF), Vol. 4, No.1, pp. 302-313, Dec. 2014.
2. **F. L. Malallah**, S. M. Syed Ahmad, W. A. Wan Adnan, S. Yussof, “Non-Invertible Online Signature Biometric Template Protection via Shuffling and Trigonometry Transformation”, International Journal of Computer Applications (0975 – 8887), Vol .98, No.4. July, 2014.
3. O. A. Ayodeji Arigbabu,, S. M. S. Ahmad, W. A.W. Adnan, V. Iranmanesh, S. Yussof, V. Iranmanesh,, **F. L. Malallah**, “Estimating Body Related Soft Biometric Traits in Video Frames” in The Scientific World Journal, Hindawi, vol. 2014, ID: 460973,pp. 12. 2014.
4. V. Iranmanesh, S. M. Syed Ahmad, W. A. W. Adnan, O. A. Arigbabu, **F. L. Malallah** “Online Handwritten Signature Verification using Neural Network Classifier Based on Principle Component Analysis,” in **The Scientific Journal, Hindawi**. Vol 2014, Article ID 381469, 8 pages. 2014.
5. **F. L. Malallah**, S. M. Syed Ahmad, S. Yussof, W. A. Wan Adnan, V. Iranmanesh and O. A. Arigbabu, “A Review of Biometric Template Protection Techniques for Online Handwritten Signature Application,” International Review on Computers and Software (I.RE.CO.S.), Vol. 8, n. 12, Dec. 2013.

### **B- Conferences:**

1. **F. L. Malallah**, S. M. S. Ahmad, W. A.W. Adnan, V. Iranmanesh, S. Yussof, “Online signature template protection by shuffling and one time pad schemes with neural network

verification,” in Proc. 2nd International conference on computer science & computational mathematics (ICCSCM). Kuala Lumpur, Malaysia, 2013, pp. 43-50.

2. V. Iranmanesh, S. M. Syed Ahmad, W. A. W. Adnan, **F. L. Malallah**, “Online signature verification using neural network and pearson correlation features,” IEEE Conference on Open Systems (ICOS), Kuching, Malaysia, 2013, pp. 18 – 21.

## 8- Seminars and Workshops

Year	Title and Description
Jan 2014	<b>IEEE Seminar</b> on Biometrics for Security and Forensic Application
Aug,2013	UPM-Thomson Reuters <b>Seminar</b> / Driving success in Research, Innovation and Commercialization
Feb,2013	<b>Conference</b> Presentation certification of “Online signature template protection by shuffling and one time pad schemes with neural network verification”
Dec, 2012	<b>Seminar</b> of Publish & Flourish: The art of Scientific Writing Workshop.
March, 2012	<b>Seminar</b> of Managing the Research Journey

The four certifications are attached in the last two pages in this CV.

## 9- Company Work

A- In the period from Nov. 24, 2008 till May 31, 2010. The work was with **Huawei** as a joiner IN (Intelligent Network) Engineer. The work was involving with installing full system SCP with its UPS, Hardware and Software commissioning in Sulymaniya with AsiaCell. Some upgrading operations with Asia Cell and maintenance work.

Besides that, there was a task work with IN-ITPC project in Baghdad to integrate IN equipments with Ericsson-NGN switches in order to make all Iraq PSTN phones as prepaid system and the project has been finished successfully with its full acceptance tests. This work consisted of full power system to install 4 UPSs providing extra power for Racks of IN.

B- In the period from June 1, 2010, till January 2012, I worked with NSN (**Nokia Siemens Network**) as senior IN engineer; the job type is involved with manage services as a provider for Zain Iraq.

### **10- Extra Certification:**

Note: all these mentioned certifications are attached below.

- Certification from Glotel Company (in U.K.) as support for Nokia Siemens Network.
- Certification work from Huawei Company as IN engineer.
- CCNA1 (Cisco) Certification for personal computer networking.
- I had been awarded first rank in the design field at B.Sc University
- Appreciation certification and obtaining second grad of projects Eng.  
The name is: **Design & implementation of charge control circuit using Atmega8 (L) Micro Controller.**