

## CURRICULUM VITAE

### PERSONAL INFORMATION

Name : Zakaria A. Hamed  
Address : Department of Quality Assurance,  
College of science, University of Mosul, 41002 Mosul, Iraq  
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### EDUCATION

**July 2012** Master in Computer science , Universiti Teknologi Malaysia, Malaysia - CGPA 3.9/4.0  
**August 2003** Bachelor in Computer Science, University of Mosul, Iraq.

### WORKING EXPERIENCE

June 2012 - present Assistant lecturer at new and renewable energy department, **PH.D. Candidate in computer science since October 2020**  
June 2012 - Dec. 2020 Manager of Department of Quality Assurance, college of science, University of Mosul.  
October 2004 – 2012 Programmer, Department of Human resources , college of science, University of Mosul.  
Appointment as Assistant programmer : 20/10/2004  
Upgraded to programmer : 20/10/2008  
December 2003 – August 2004 programmer (temporal) , Department of Computer Science, College of Computer Science and Mathematics, University of Mosul.

### RESEARCH INTEREST

Soft Computing techniques and applications, Artificial intelligence and Neural networks

### TEACHING EXPERIENCE

C Basic Programming, Applied Software and Matlab

### WORKSHOP ATTENDED

LATEX INTENSIVE WORKSHOP 2012, Universiti Teknologi Malaysia, On 1-3 February 2012

### INTERNATIONAL PUBLICATIONS

**Zakaria A. Hamed**, S.Z.M. Hashim, (2012). *Hybrid PSO-Black Stork Foraging for Functional Neural Fuzzy Network Learning Enhancement* . 2012 IEEE International Conference on System, Man, and Cybernetics. Seoul, Korea, 14-17z Oct 2012, pp. 1339-1344, (IEEE indexed)

Alneamy, J. S. M., **Alnaish, Z. A. H.**, Hashim, S. M., & Alnaish, R. A. H. (2019). Utilizing hybrid functional fuzzy wavelet neural networks with a teaching learning-based optimization algorithm for medical disease diagnosis. *Computers in biology and medicine*, 112, 103348.

**Hamed, Z. A.**, Ahmed, I. M., & Ameen, S. Y. (2020). Protecting windows OS against local threats without using antivirus. *relation*, 29(12s), 64-70.

Mahmod, M. S., **Alnaish, Z. A. H.**, & Al-Hadi, I. A. A. (2015). Hybrid intrusion detection system using artificial bee colony algorithm and multi-layer perceptron. *International Journal of Computer Science and Information Security*, 13(2), 1.

#### **AWARDS**

- Certificate of Merit, Golden Jubilee of the College of Science, 2013
- Golden medal and Certificate, Best Student Award, M. Sc. (computer science), Universiti Teknologi Malaysia, in conjunction with UTM 49<sup>th</sup> convocation Ceremony October 2012.
- 20 Acknowledgment letters for Excellent Service, Dean of the college of science, Mosul University, on 2004-2021.
- 5 Acknowledgment letters for Excellent Service, Dean of the college of computer science, Mosul University, 2004.
- 4 Acknowledgment letters for Excellent Service, Minister of higher education and scientific research, Mosul University, 2012-2021