

Academic Curriculum Vitae (Hiba Basim Alwan)

1. Personal Information:

Name: Hiba Basim Alwan Al-Dulaimi

Languages: Arabic / English

Place of Residence: Baghdad / Iraq

Date of Birth: 1981

Religion: Muslim

Marital status: Single

Specialization: Computer Sciences / Artificial Intelligence

Research Specialization: Genetic Algorithm, Ant Colony Optimization, Support Vector Machine, Biometric Cancellable, Convolutional Neural Network.

Current Research Interests: Swarm Optimization, Pattern Classification, Biometrics, Recognition System.

Affiliation: University of Technology / Computer Science Department.

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hiba81basim@gmail.com



2. Academic Qualifications:

Degree Science	University	Department	Date
B.Sc.	Al-Mansour University College	Computer Science	2004
M.Sc.	Technology	Computer Science	2006

PhD.	Universiti Utara Malaysia	Computer Science	2013
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3. Present Appointment:

Lecturer since 1/9/2014.

4. The last 10 published Papers

1. Convolutional neural network algorithm for cancellable face template.
2. Convolutional neural network-based lung cancer nodule detection based on computer tomography.
3. Cancelable face biometric verification algorithm built on GoogleNet and characteristic arbitrary projection.
4. Cancellable face template algorithm based on speeded-up robust features and winner-takes-all.
5. Big data: definition, characteristics, life cycle, applications, and challenges.
6. Cancellable face biometrics template using AlexNet.
7. Intelligent classification algorithms in enhancing the performance of support vector machine.
8. Mixed-variable ant colony optimisation algorithm for feature subset selection and tuning support vector machine parameter.
9. Formulating new enhanced pattern classification algorithms based on ACO-SVM.
10. Feature selection and model selection algorithm using incremental mixed variable ant colony optimization for support vector machine classifier.

Overall, the outcome of all published research is as follows:

- 7 papers in international conferences
- 8 papers in Scopus-indexed journals
- 3 papers in WoS-indexed journals
- 7 papers in international journals

5. Other published resources

6. Short Biography

Hiba Basim Alwan is a Lecturer in the Department of Computer Sciences, University of Technology-Baghdad-Iraq. I hold a BSc and MSc in Computer Science from MUC and UOT, Baghdad-Iraq, in 2004 and 2006 respectively. My PhD and Post-Doc were also in Computer Science, but from UUM, Kedah-Malaysia in 2014 and 2019 respectively. My research interests include Ant Colony Optimization, Genetic Algorithms, Machine Learning, Support Vector Machine, Classification, and Big Data.



7. Supervision

- 1 MSc Thesis

8. Discussion thesis of high graduate studies:

- Master's Thesis No. (2)

9. Resident scientific:

- Reviewer for many national and international scientific journals

10. Important Sites:

Google Scholar:

<https://scholar.google.com/citations?authuser=1&user=NO3TuIMAAAJ>

Research Gate:

<https://www.researchgate.net/profile/Hiba-Alwan-Hussain-Al-Dulaimi>

Scopus:

<https://www.scopus.com/authid/detail.uri?authorId=55803667900>

Publon:

<https://www.webofscience.com/wos/author/record/V-5174-2019>

Orcid:

<https://orcid.org/my-orcid?orcid=0000-0003-4011-3328>

EDAS:

ID: 1563295

11. Activities

- Discussion thesis of high graduate studies: Master's Thesis No. (2)
- Reviewer for many national and international scientific journals

12. Date Curriculum Vitae Prepared:

2024-10-30

