

CURRICULUM VITAE

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Education/Qualifications:

1996-2000 BSc in Computer Science, Sebha University, Sebha, Libya.
2009 MSc in Advanced Computer Science, The University of Sheffield, Sheffield, UK.
2010-2013 PhD in Computer Science, Heriot-Watt University, Edinburgh, UK.

Employment to Date/Work Experience:

2001-2007 *Libyan National Communication Company (worked as computer engineer).*
Sep. 2009-Sep. 2010 Assistant Lecturer, Sebha University, Libya.
Sep. 2014-present Assistant Professor, faculty of Information Technology, Sebha University, Libya.

Languages:

Arabic and English.

Research interests:

Text mining, Feature Selection, Arabic language processing, Bio Inspired Optimization and machine learning.

Publications:

- 1.Hamouda K. Chantar, David W. Corne, "Feature subset selection for Arabic document categorization using BPSO-KNN ", in proceedings of the third World Congress on Nature and Biologically Inspired Computing, Spain, 546-551, 19-21 Oct. 2011. IEEE 2011.
- 2.Hamouda K. Chantar, David W. Corne, "Arabic text categorization via binary particle swarm optimization and support vector machines", in proceeding of the 5th Int'l Conf. on Bio-Inspired Optimization Methods and their Applications, Slovenia, 301-310, 24-25 May 2012 (**Best Paper Prize**).
3. T. Thaher, M. Mafarja, B. Abdalhaq and H. Chantar, "Wrapper-based Feature Selection for Imbalanced Data using Binary Queuing Search Algorithm," **2019 2nd International Conference on new Trends in Computing Sciences (ICTCS)**, Amman, Jordan, 2019, IEEE 2019.

4. Chantar, Hamouda & Mafarja, Majdi & Alsawalqah, Hamad & Heidari, Ali Asghar & Aljarah, Ibrahim & Faris, Hossam. (2020). Feature selection using binary grey wolf optimizer with elite-based crossover for Arabic text classification. *Neural Computing and Applications*. 32. 10.1007/s00521-019-04368-6.
5. Y. Hassouneh, H. Turabieh, T. Thaher, I. Tumar, H. Chantar and J. Too, "Boosted Whale Optimization Algorithm With Natural Selection Operators for Software Fault Prediction," in *IEEE Access*, vol. 9, pp. 14239-14258, 2021, doi: 10.1109/ACCESS.2021.3052149.
6. Thaher, T.; Saheb, M.; Turabieh, H.; Chantar, H. Intelligent Detection of False Information in Arabic Tweets Utilizing Hybrid Harris Hawks Based Feature Selection and Machine Learning Models. *Symmetry* 2021, 13, 556. <https://doi.org/10.3390/sym13040556>
7. Hamouda Chantar, Mohammad Tubishat, Mansour Essgaer and Seyedali Mirjalili. "Hybrid Binary Dragonfly Algorithm with Simulated Annealing for Feature Selection", *SN Computer Science*. DOI : 10.1007/s42979-021-00687-5, Accepted 10 May 2021.
8. Chantar, H.; Thaher, T.; Turabieh, H.; Mafarja, M.; Sheta, A. BHHO-TVS: A Binary Harris Hawks Optimizer with Time-Varying Scheme for Solving Data Classification Problems. *Appl. Sci.* 2021, 11, 6516. <https://doi.org/10.3390/app11146516>
9. Thaher, T.; Zaguia, A.; Al Azwari, S.; Mafarja, M.; Chantar, H.; Abuhamdah, A.; Turabieh, H.; Mirjalili, S.; Sheta, A. An Enhanced Evolutionary Student Performance Prediction Model Using Whale Optimization Algorithm Boosted with Sine-Cosine Mechanism. *Appl. Sci.* 2021, 11, 10237. <https://doi.org/10.3390/app112110237>

References

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