

Curriculum Vitae

WEDAD ABDULRAQEEB AL-SORORI

Date of birth: 5/6/1984 – Taiz, Yemen
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Marital Status: Single

QUALIFICATIONS

- PhD in Computing, Computing and Information Technology Faculty, UST, Yemen, Grade Excellent, June, 2020.
- M.Sc. in Information System – The Arab Academy for banking and financial science, Yemen, Grade: Excellent, July, 2014.
- B.Sc. in Computer Science-Computer Science Department, Faculty of Science, Sana'a University, Yemen, Grade: good, July 2007.

GRADUATING PROJECTS

- Ph.D. dissertation: “New Caledonian Crow Learning Algorithm to Solve Continuous Optimization Problems: New Metaheuristic Algorithm”, Grade: Excellent
- M.Sc. dissertation: “Analytical Study to Evaluate Stemming Algorithms in Data Mining Tools”, Grade: Excellent
- B.Sc final year project: "Student Affairs Management System", Grade: Excellent.

EXPERIENCES

- 2020 - 2021, Assistant professor in Computing and Information Technology (CIT) Faculty, UST.
- 2020 - 2021, A Member of the Curriculum Development Committee in Faculty of Computing and Information Technology (CIT).
- 2020 - 2021, A Member of the Software Engineering Program Development Committee for the Academic year 2021-2022.
- 2020 - 2021, A member of Employment and Academic Recruitment Committee in Faculty of Computing and Information Technology (CIT).
- 2020 - 2021, A member of Graduate Studies Committee in Computing and Information Technology Faculty, UST.
- 2019-2021, Academic Supervisor for Faculty of Computing and Information Technology- Girls Branch, UST.

- 2019-Now, Academic Supervisor for Faculty of Computing and Information Technology- Girls Branch, UST.
- 2019-Now, A Member of the College of Computing and Information Technology Council.
- 2019-Now, A Member of the Academic Council for the Girls Branch.
- 2015-2018, Academic Supervisor for Faculty of Computing and Information Technology (CIT) - Girls Branch, UST.
- 2015-2018, A member of the academic disciplinary committee in Computing and Information Technology Faculty, UST.
- 2019-Now, A Member of the College of Computing and Information Technology Council.
- Feb 2017 – May 2017: E-course designer for Operating system course in CIT.
- 2015-2021, A supervisor of many final year projects for Bachelor.
- 2014 –2021: Head of faculty control sub-committee in CIT, girls branch.
- 2014 - 2021, Lecturer in Computing and Information Technology Faculty, UST.
- 2014- 2021, Supervisor of final year projects for Bachelor.
- 2014 – 2021, The academic coordinator of computer science dept., Girls Branch, UST.
- 2014 – 2021, A member of the academic committee in Computing and Information Technology Faculty, UST .
- A member of AI research committee –Faculty of Computing and Information Technology, 2017, University of Science and Technology (UST).
- 2014-2015, A member of the academic quality committee in Computing and Information Technology Faculty, UST.
- 2014-2015, A member of Ph.D. program self-assessment study of the committee in Computing and Information Technology Faculty, UST.
- 2014-2015, A member of Master program self-assessment study of the committee in Computing and Information Technology Faculty, UST.
- 2010 –2011, ICDL trainer, UST.
- 2010-2011, ICDL Quality assurance, UST.

- **Teaching many courses:**
 - Artificial Intelligence.
 - Programing language.
 - Programming and problem solving.
 - Computer Fundamentals.
 - Operating System.
 - Advanced Operating System.
 - Network Operating System.
 - Data Structure.
 - Requirement Engineering.
 - Software Architecture and Design.
 - Advanced application programing.
 - Analysis and Design of Algorithms.
 - Computer Maintenance (A+).

OTHER ACTIVITIES AND COURSES

- Manage the faculty of computing and IT (CIT) infrastructure and CIT's academic and technical staff in the girl's branch the faculty of computing and IT.
- Participate in preparing a volunteer roster in the faculty of computing and IT (CIT) in UST.
- Participate in course specification in Computing and Information Technology Faculty, UST, 2014.
- Participate in Program Specification Program (PSD) in Computing and Information Technology Faculty, UST, 2014.
- Participate in program specification workshops for different programs in UST, 2015 – 2021.
- Many courses in:
 - DevOps, UST, 2021.
 - Introduction to PMP, 2019.
 - Human Resources Management Diploma, UST, 2012,
 - Statistical analysis using SPSS program, UST,2013.
 - Oracle Diploma, Alwast training center, Introduction to SQL, Program with PL/SQL, Build Internet Applications, 2009.
 - Management Microsoft server 2003 and Active Directory, 2010.
 - CompTIA N+, Ultimate training center, 2009.
 - CCNA 640-802, Ultimate training center, 2009.

CONFERENCES AND SCIENTIFIC RESEARCH

- A member of program organization committee of the 10th symposium of the Arabic International Conference on Information Technology (ACIT2009) which is organized by UST, Yemen during 15-17 December 2009.
- Participate in 4th International Conference on Applied Computing & Information Technology (ACIT 2016), December 12-14, 2016, Las Vegas, USA.
- Participate in The 11th International Conference on Bio-inspired Computing: Theories and Applications (BIC-TA 2016,) October 28th-30th, 2016, Xian, China.
- Participate in 16th International Conference on Hybrid Intelligent Systems (HIS 2016), Marrakech, Morocco, 2016.

PUBLISHED AND ACCEPTED PAPERS

- Abdulqader Mohsen, Yousef Ali, **Wedad Al-Sorori**, Naseebah A.Maqtary, Belal Al-Fuhaidi, Asma M.Altabeeb, Arabic Sentiment Analysis towards Nation Quarantine during COVID-19 Outbreak using Machine Learning Classifiers, Smart Technologies and Applications(esmarta2021), Sana'a Yemen, August 10-12, 2021, also the paper was selected conference awards by the Program Committee of the First International Conference of esmarta2021.
- **Wedad Al-sorori** and Abdulqader Mohsen, New Caledonian crow learning algorithm: A new metaheuristic algorithm for solving continuous optimization problems, Applied Soft Computing **Journal** 92 (2020) 106325, Elsevier.
- Abdulqader Mohsen and **Wedad Al-sorori**, A New Hybrid Discrete Firefly Algorithm for Solving the Travelling Salesman Problem, accepted paper in

4th International Conference on Applied Computing & Information Technology (ACIT 2016), December 12-14, 2016, Las Vegas, USA, also the paper was selected as outstanding papers of ACIT 2016 regular session to be published as a chapter of Springer's "Studies in Computational Intelligence".
<http://www.acisinternational.org/acit2016/>

- **Wedad Al-sorori** and Abdulqader Mohsen, Multi-Population Discrete Bat Algorithm with Crossover to Solve TSP, accepted paper in 16th International Conference on Hybrid Intelligent Systems (HIS 2016), Marrakech, Morocco, 2016.
- **Wedad Al-sorori**, Abdulqader Mohsen, and Walid Aljoby, An Improved Hybrid Bat Algorithm for Traveling Salesman Problem, The 11th International Conference on Bio-inspired Computing: Theories and Applications (BIC-TA 2016,) October 28th-30th, 2016, Xian, China, published by Springer as Chapter of [Bio-inspired Computing – Theories and Applications](#) Volume 681 of the series [Communications in Computer and Information Science](#) (CCIS) pp 504-511.
- Abdulqader Mohsen, **Wedad Al-sorori**, Cooperative Discrete Firefly Algorithm to Solve TSP, The 11th International Conference on Bio-inspired Computing: Theories and Applications (BIC-TA 2016,) October 28th-30th, 2016, Xian, China, <http://2016.bicta.org/wp-content/uploads/2016/10/BIC-TA-2016-Program.pdf>

TECHNICAL SKILLS

- Programmer / system developer.
- System analyzer.
- Familiar with team management.
- Familiar with academic program specification and evaluation.
- Familiar with academic courses specification and evaluation.
- Familiar with higher education programs assessment and accreditation.
- Familiar with designing electronic courses (E-course).

LANGUAGES

- Arabic: native speaker.
- English: Good reading, writing, speaking and listening.

HOBBIES

- Following the latest updates in my major
- Reading different materials

REFEREES

- Dr. Abdulqader Alabbadi, main supervisor and Dean of faculty of Computing and Information Technology, UST, Email: mohsenabdulqader@gmail.com, amayemen@yahoo.com, a.alabadi@ust.edu

- Dr. Ammar Al-Zahary, lecturer in the faculty of Computing and Information Technology, UST. Email: ammaranywhere@yahoo.com