

Najib BEN AOUN

Assistant Professor & Ph.D in Computer Systems Engineering

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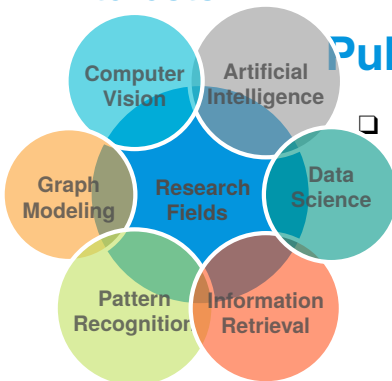
Web Pages

LinkedIn
ResearchGate
Google Scholar
Scopus
ORCID
DBLP
ReseracherID

Personal Skills



Research Interests



Professional Experience

- 09/15 - Present **Assistant Professor** College of Computer Science and Information Technology (CCS&IT), Al-Baha University, Kingdom of Saudi Arabia.
- 09/14 - 09/15 **Assistant Professor** National School of Electronics and Telecommunications of Sfax (ENET'Com), University of Sfax, Tunisia.
- 09/11 - 09/14 **Permanent Lecturer** National School of Electronics and Telecommunications of Sfax (ENET'Com), University of Sfax, Tunisia.
- 09/09 - 09/11 **Contractual/Sessional Lecturer** Higher Institute of Computer Science and Multimedia of Sfax (ISIMS), University of Sfax, Tunisia.
- 09/08 - 09/09 **Contractual/Sessional Lecturer** Faculty of Sciences of Sfax (FSS), University of Sfax, Tunisia.
- 09/06 - 09/08 **Teaching Assistant** Faculty of Sciences of Sfax (FSS), University of Sfax, Tunisia.

Education

- 2014 - Present **Senior Researcher** REGIM-Lab: Research Groups in Intelligent Machines, University of Sfax, Tunisia.
- 2008 - 2014 **Ph.D Degree in Computer Systems Engineering** National School of Engineers of Sfax (ENIS), University of Sfax, Tunisia.
- Dissertation:** Bag-of-sub-Graph approach based video categorization
- 2006 - 2008 **Master's Degree in New Technologies of Dedicated Computer Systems** National School of Engineers of Sfax (ENIS), University of Sfax, Tunisia.
- Dissertation:** Multiresolution Motion Estimation Algorithm for Video Coding
- 2002 - 2006 **4-Years degree in Computer Science** Higher Institute of Applied Sciences and Technology of Sousse (ISSATS), University of Sousse, Tunisia.

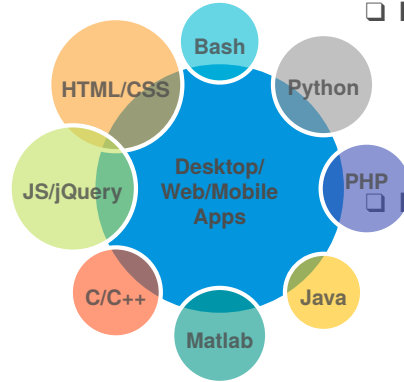
Publications

☐ Refereed Journal Papers (with Impact Factor)

14. Chaibi, N., Ben Aoun, N. and Zaid, M., (2023) **Image Super Resolution Boosting using Beta Wavelet**, *Signal, Image and Video Processing Journal*. (Impact factor=2.3, Scopus Q2)
13. Mzoughui, M.C., Ben Aoun, N. and Naouali, S., (2023), **A Review on Kinship Verification From Facial Information**, *The Visual Computer*. Under Review (Impact factor=3.5, Scopus Q2)

12. **Ben Aoun, N.**, Nhidi, W. and Ejbali, R., (2023) **Hybrid Machine Learning Models for Avian Parasitic Egg Identification from Visual Features**, *Multimedia Systems.Under Review*. (Impact factor=3.9, Scopus Q2)
11. Nhidi, W., **Ben Aoun, N.** and Ejbali, R., (2023) **Deep Learning-Based Parasitic Egg Identification from a Slender-Billed Gull's Nest**, *IEEE ACCESS*, vol.11, pp. 37194-37202, doi: 10.1109/ACCESS.2023.3267083. (Impact factor=3.476, Scopus Q1)
10. Mavakala, A. W., Adoni, W. Y. H., **Ben Aoun, N.**, Nahhal, T., Krichen, M., Alzahrani and M. Y., Kalala, F. M., (2023), **COVID-19-Dijkstra: A COVID-19 Propagation Model Based on Dijkstra's Algorithm**, *Journal of Computer Science*, 19(1), pp. 75-86. (Scopus Q4). <https://doi.org/10.3844/jcssp.2023.75.86>
9. Ahmad, S., **Ben Aoun, N.**, Gauhar, A., El Affendi, M.A and Anwar, M.S, (2023), **Multi-Clustered Mathematical Model for Student Cognitive Skills Prediction Optimization**, *IEEE ACCESS*, vol.11, pp. -, doi: 10.1109/ACCESS.2023.3285612. (Impact factor=3.476, Scopus Q1)
8. AlEisa, H.N, Touiti, W., ALHussan, A.A., **Ben Aoun, N.**, Ejbali, R., Zaided, M. and Saadia, A., (2022), **Breast Cancer Classification Using FCN and Beta Wavelet Autoencoder**, *Computational Intelligence and Neuroscience*, vol. 2022, Article ID 8044887. (Impact factor=3.12, Scopus Q1)
7. Ahmad, S., **Ben Aoun, N.**, El Affendi, M.A, Anwar, M.S, Abbas, S. and Abd El Latif, A.A.,(2022), **Optimization of Students' Performance Prediction through an Iterative Model of Frustration Severity**, *Computational Intelligence and Neuroscience*, vol. 2022, Article ID 3183492. (Impact factor=3.12, Scopus Q1)
6. Adoni, W.Y.H, **Ben Aoun, N.**, Nahhal, N., Krichen, M. and Alzahrani, M., (2022) **A Scalable Big Data Framework for Real-Time Traffic Monitoring System** *Journal of Computer Science*, 18(9), pp. 801-810. (Scopus Q4).
5. Brahimy, S., **Ben Aoun, N.**, Ben Amar, C., BENOIT, A., and LAMBERT, P., (2019) **Semantic Segmentation using Reinforced Fully Convolutional DenseNet with Multi-scale Kernel**, *Multimedia Tools and Applications*, 78(8). (Impact factor=2.313, Scopus Q2).
4. Brahimy, S., **Ben Aoun, N.** and Ben Amar, C., (2019) **Boosted Convolutional Neural Network for Object Recognition at large scale**, *Neurocomputing*, 330, pp. 337-354. (Impact factor=4.438, Scopus Q1).
3. Brahimy, S., **Ben Aoun, N.**, Ben Amar, C., BENOIT, A., and LAMBERT, P., (2018) **Multiscale Fully Convolutional DenseNet for Semantic Segmentation**, *Journal of WSCG* 26(2), pp.104-111. (Scopus Q4).
2. Mejdoub, M., **Ben Aoun, N.** and Ben Amar, C., (2015) **Bag of frequent subgraphs approach for image classification**, *Intelligent Data Analysis*, 19(1), pp. 75-88. (Impact factor=0.772, Scopus Q3).
1. **Ben Aoun, N.**, Mejdoub, M. and Ben Amar, C., (2014) **Graph-based approach for human action recognition using spatio-temporal features**, *Journal of Visual Communication and Image Representation*, 25(2), pp. 329-338. (Impact factor=2.164, Scopus Q1).

Programming Skills



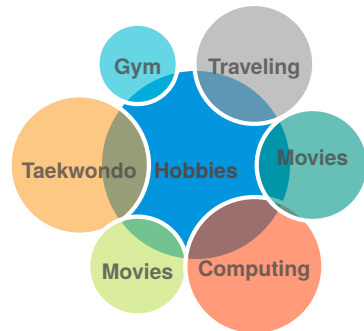
☐ Refereed Book Chapters

1. **Ben Aoun, N., El'Arbi, M. and Ben Amar, C., (2012) Wavelet Transform based motion estimation and compensation for video coding**, *Advances in Wavelet Theory and Their Applications in Engineering, Physics and Technology*, ISBN 979-953-307-385-8, InTech, Dumitru Baleanu (Ed.), pp. 23-40.

☐ Refereed International Conference Papers (Indexed in IEEE/Scopus/DBLP)

12. Bhatt, C.M., Bruno, M., **Ben Aoun, N.**, Malaviya, P. and Mulla, A., (2023), **Deep Learning Techniques for Accurate Classification of Rice Diseases: A Comprehensive Study**, *Intelligent Systems Conference (IntelliSys'2024)*. Under Review
11. **Ben Aoun, N., (2023), Deep Learning-Based Pain Intensity Estimation From Facial Expressions**, *International Conference on Intelligent Systems Design and Applications (ISDA'23)*. (Core C class)
10. Neji, I., **Ben Aoun, N.**, Hamza, H. and Ejbali, R., (2023), **Date Varieties Identification Using DenseNet Model with GAN-Based Data Augmentation**, *International Conference on Intelligent Systems Design and Applications (ISDA'23)*. (Core C class)
9. Nhidi, W., **Ben Aoun, N.** and Ejbali, R., (2023), **Brood Parasitism Identification Using a Deep Learning Model with Mish Activation Function**, *International Conference on Intelligent Systems Design and Applications (HIS'23)*. (Core C class)
8. Nhidi, W., **Ben Aoun, N.** and Ejbali, R., (2023) **Ensemble Machine Learning-Based Egg Parasitism Identification for Endangered Bird Conservation**, *International Conference on Computational Collective Intelligence (ICCCI'23)*, Springer CCIS series, pp. 364–375, Budapest, Hungary. (Core B class)
7. Brahim, S., **Ben Aoun, N.** and Ben Amar, C., (2018) **Improved Very Deep Recurrent Convolutional Neural Network for Object Recognition**, *International Conference on Systems, Man, and Cybernetics (SMC'18)*, Miyazaki, Japan. (Core B class)
6. Brahim, S., **Ben Aoun, N.** and Ben Amar, C., (2016) **Very Deep Recurrent Convolutional Neural Network for Object Recognition**, *International Conference on Machine Vision (ICMV'16)*, Nice, France. (Core C class)
5. **Ben Aoun, N.**, Mejdoub, M. and Ben Amar, C., (2014) **Bag of sub-graphs for video event recognition**, In: *the IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP'14)*, pp. 1566-1570, Firenze, Italy. (Core B class)
4. **Ben Aoun, N.**, Elghazel, H., Hacid, M.S. and Ben Amar, C., (2011) **Graph aggregation based image modeling and indexing for video annotation**, In: *14th International Conference on Computer Analysis of Images and Patterns (CAIP'11)*, pp. 324-331, Seville, Spain. (Core B class)
3. **Ben Aoun, N.**, Elghazel, H. and Ben Amar, C., (2011) **Graph modeling based video event detection**, In: *7th International Conference on Innovations in Information Technology (IIT'11)*, pp. 114-117, Abu Dhabi, United Arab Emirates.
2. Wali, A., **Ben Aoun, N.**, Karray, H., Ben Amar, C. and Alimi, A.M., (2010) **A New System for Event Detection from Video Surveillance Sequences**, In: *12th International Conference on Advanced Concepts for Intelligent Vision Systems (ACIVS'10)*, pp. 110-120, Sydney, Australia. (Core B class)
1. **Ben Aoun, N.**, EL'ARBI, M. and Ben Amar, C., (2010) **Multiresolution motion estimation and compensation for video coding**, In: *10th IEEE International Conference on Signal Processing (ICSP'10)*, pp. 1121-1124, Beijing, China.

Interests



OS Preference

GNU/Linux ★★★★★
MacOS ★★★★★
Windows ★★★★★
Unix ★★★★★

Languages

Arabic ★★★★★
French ★★★★★
English ★★★★★

Project Funds

2008-2011 **Member of the project " Reconnaissance et Analyse de Visages (RAVI)",
Number 08G1406** Funded by the PHC-Utique program

Research Internship

12/2010- 01/2011 **Research internship under the supervision of Prof. Mohand-said HACID
et Dr. Haytham ELGHAZEL** Laboratory of Images and Information Systems Technology
(LIRIS), Université Claude Bernard Lyon 1 (UCB Lyon 1), University of Lyon , France.

**Work Done: Graph Aggregation Based Image Modeling and Indexing for
Video Annotation.**

06/2009- 07/2009 **Research internship under the supervision of Prof. Liming Chen**Laboratory
of Images and Information Systems Technology (LIRIS), Ecole Centrale de Lyon (ECL), University
of Lyon , France.

Work Done: Video event detection system based on HMM.

11/2008- 01/2009 **Research internship under the supervision of Prof. Liming Chen**Laboratory
of Images and Information Systems Technology (LIRIS), Ecole Centrale de Lyon (ECL), University
of Lyon , France.

Work Done: Video event detection system prototype

Presentations

Oral Presentation

12/2023 **Ben Aoun, N., Deep Learning-Based Pain Intensity Estimation From
Facial Expressions, Online** ISDA'2023

05/2014 **Ben Aoun, N., Mejdoub, M. and Ben Amar, C., Graph-based video event
recognition, Firenze, Italy** ICASSP'2014

08/2011 **Ben Aoun, N., Elghazel, H., Hacid, M.S. and Ben Amar, C., Graph aggre-
gation based image modeling and indexing for video annotation, Seville,
Spain** CAIP'2011

07/2011 **Ben Aoun, N., Elghazel, H. and Ben Amar, C., Graph modeling based
video event detection, Abu Dhabi, United Arab Emirates.** IIT'2011

10/2010 **Ben Aoun, N., EL'ARBI, M. and Ben Amar, C., Multiresolution motion
estimation and compensation for video coding, Beijing, China** ICSP'2010

Honors & Awards

09/2021	Effective Participation in the NCAAA Program Accreditation of Computer Science Program College of Computer Science and Information Technology (CCS&IT), Al-Baha University
12/2020	Effective Participation in the NCAAA Institutional Accreditation of Al-baha university Al-Baha University, KSA
12/2020	Effective Participation in the College Activities College of Computer Science and Information Technology (CCS&IT), Al-Baha University
05/2017	Effective Participation in the College Activities College of Computer Science and Information Technology (CCS&IT), Al-Baha University
12/2013	IEEE Appreciation Award for the contribution as Vice-chair of the IEEE SPS Tunisia Chapter, 2013 IEEE
04/2011	Best Poster on the Doctoral Consortium (DC'2011), Sousse, Tunisia. Doctoral Consortium

Professional Development Certifications

10/2023	Life after publication: How to promote your work for maximum impact Elsevier Researcher Academy
10/2023	How to prepare a proposal for a review article Elsevier Researcher Academy
10/2023	Rejected manuscripts: Next steps and finding the right fit Elsevier Researcher Academy
10/2023	How to secure funding - ECR edition Elsevier Researcher Academy
10/2023	Successful research grant applications – getting it right Elsevier Researcher Academy
10/2023	Laveraging AI-Powered chatbot Al-Baha University
10/2023	Code Review as an Educational Tool Al-Baha University
10/2023	Generative AI for the Economic Development Al-Baha University
9/2023	Detecting Image Manipulation: Routines, Tools & Limitations Elsevier Researcher Academy
9/2023	Rejected manuscripts: Next steps and finding the right fit Elsevier Researcher Academy
5/2023	Academic Accreditation Practitioner NCAAA, Saudi Arabia
11/2022	Becoming a Journal Editor Hindawi
10/2022	How to write for an interdisciplinary audience Elsevier Researcher Academy
10/2022	Using AI to match your abstract to the right journal Elsevier Researcher Academy
10/2022	Systematic reviews 101 Elsevier Researcher Academy

10/2022	Social Media for Researchers	Elsevier Researcher Academy
10/2022	Seven strategies for scientists to communicate their research and create a brand	Elsevier Researcher Academy
10/2022	How to promote your research for maximum impact	Elsevier Researcher Academy
10/2022	How to design effective figures for review articles	Elsevier Researcher Academy
10/2022	Conference skills for researchers	Elsevier Researcher Academy
10/2022	An editor's guide to writing a review article	Elsevier Researcher Academy
02/2022	Using proper manuscript language	Elsevier Researcher Academy
02/2022	Introduction to the Certified Peer Reviewer Course	Elsevier Researcher Academy
02/2022	Online training engineering (IFEL)- Pedagogy and technology	Université Virtuelle de Tunis
02/2022	Make your data accessible -It's Not FAIR! Improving Data Publishing Practices in Research	Elsevier Researcher Academy
12/2021	Structuring your article correctly	Elsevier Researcher Academy
12/2021	How to prepare a proposal for a review article	Elsevier Researcher Academy
12/2022	Building trust and engagement in peer review	Elsevier Researcher Academy
12/2021	Implementation of QM Quality Standards in Designing Electronic Courses (First Level)	Albaha University
12/2021	Building Rubrics and their uses	Albaha University
11/2021	Skills of using the ENDNOTE program to manage scientific references	Albaha University
11/2021	Teaching strategies and methods for the 21'st century	Albaha University
11/2021	New models and methods for students evaluation to improve the learning outcomes	Albaha University
11/2021	Terms and standards for publishing in refereed scientific journals	Albaha University
10/2021	Preparing the Program Annual Report	Albaha University
12/2020	Publishing scientific research in international ISI and Scopus journals	Al-Baha University, KSA
12/2020	The duties of the student and faculty member in academic advising	Al-Baha University, KSA
11/2020	Preparing training packages	Al-Baha University, KSA
11/2020	Modern teaching methods and systems	Al-Baha University, KSA
11/2020	Scientific Research and Competitive Projects	Al-Baha University, KSA
11/2020	How to search inside SpringerNature platform	Saudi Digital Platform (SDL), KSA

11/2020	Measurement and evaluation in the academic environment University, KSA	Al-Baha
11/2020	Intellectual rights for university professor	Al-Baha University, KSA
11/2020	Guidance and counseling theories and their field of applications University, KSA	Al-Baha
10/2020	Optimal employment of evaluation tools in the Blackboard e-learning system	Saudi Education Ministry, KSA
10/2020	Building and Using Rubrics for Course Assessment	Al-Baha University, KSA
10/2020	Teaching strategies during Covid-19 epidemic	Al-Baha University, KSA
10/2020	Faculty member right and responsibilities	Al-Baha University, KSA
10/2020	Academic Guidance and counseling according to quality standards Al-Baha University, KSA	
06/2020	Programming with Python	Coursera
05/2020	How Google does Machine Learning	Coursera
02/2020	Academic quality is the responsibility of All	Al-Baha University, KSA
12/2019	Accreditation and Quality	NCAAA, KSA
11/2019	Analyzing data and questionnaires and using their results to ensure quality and continuous improvement	NCAAA, KSA
05/2019	Academic Programs Quality	Al-Baha University, KSA
08/2018	English Certification IELTS	British Council, Tunis
01/2018	BlackBoard E-Learning Management system	Al-Baha University
05-06/2017	Mobile Application Development.	ALECSO
04/2014	Linux: LPIC-1 (modules 101 and 102).	Linux Professional Institute
04/2014	Suse Linux Enterprise 11: Novell Certified Linux Administrator. Professional Institute	Linux

Associative and University Contributions

2023-2024	IT department quality Committe member Information Technology (CCS&IT), Al-Baha University	College of Computer Science and Information Technology (CCS&IT), Al-Baha University
2022-2023	IT department quality Coordinator and College quality unit member College of Computer Science and Information Technology (CCS&IT), Al-Baha University	
2019-2023	Chair of the IT department Final Year Projects Committee Computer Science and Information Technology (CCS&IT), Al-Baha University	College of Computer Science and Information Technology (CCS&IT), Al-Baha University
2015-2023	Participate in building and annually reviewing the IT department Study Plan, computer science and IT courses as well as the Artificial Intelligence Master study plan and courses College of Computer Science and Information Technology (CCS&IT), Al-Baha University	

2015-2024	Academic advisor for a group of students in IT department	College of Computer Science and Information Technology (CCS&IT), Al-Baha University
2019-2022	Member of the Learning Resources College Committee (Chair during 2019-2020)	College of Computer Science and Information Technology (CCS&IT), Al-Baha University
2021-2022	Quality committee member in the IT department	College of Computer Science and Information Technology (CCS&IT), Al-Baha University
2019-2021	College Coordinator and Secretary for the Accreditation, Quality and Self-Study Committee <i>(we have gotten the NCAAA accreditation at the Institutional/University and computer science program levels in 2021/2022)</i>	College of Computer Science and Information Technology (CCS&IT), Al-Baha University
2020-2021	Coordinator of the initiative "Develop Your Skills" which is a series of training sessions targeting all the university students	College of Computer Science and Information Technology (CCS&IT), Al-Baha University
2017-2020	Member of the Programs and Study Plans Committee	College of Computer Science and Information Technology (CCS&IT), Al-Baha University
2017-2018	Member of the Higher Education and Scientific Research Unit	College of Computer Science and Information Technology (CCS&IT), Al-Baha University
2017-2019	Member of the NCAAA Accreditation Committee	College of Computer Science and Information Technology (CCS&IT), Al-Baha University
2017-2019	Coordinator for the College Final Year Projects	College of Computer Science and Information Technology (CCS&IT), Al-Baha University
2017-2019	Member of the Development and Quality Unit	College of Computer Science and Information Technology (CCS&IT), Al-Baha University
2015-2018	College Coordinator for the International Accreditation (ABET)	College of Computer Science and Information Technology (CCS&IT), Al-Baha University
2016-2017	Member of the College Website Committee	College of Computer Science and Information Technology (CCS&IT), Al-Baha University
2015-2016	Member of the Faculty Member Promotion Committee	College of Computer Science and Information Technology (CCS&IT), Al-Baha University
2014-2016	Secretary and Treasurer of the IEEE Signal Processing Society Tunisia Chapter	IEEE SPS Tunisia Chapter
2013-2014	Vice-Chair of the IEEE Signal Processing Society Tunisia Chapter	IEEE SPS Tunisia Chapter
2011-2012	Chair of the IEEE SPS ENIS Student Chapter	IEEE SPS ENIS Student Chapter
2010	Treasurer of the IEEE SPS ENIS Student Chapter	IEEE SPS ENIS Student Chapter

Teaching

During 2014-2015, I have taught the following courses for RITEL master program students in the National School of Electronics and Telecommunications of Sfax (ENET'Com):

- ▣ **Image and speech processing**

During 2006-Present, I have taught the following courses for CS, CE and IT students:

- ▣ **Intelligent Systems**
- ▣ **Multimedia documents indexing and research techniques**
- ▣ **Image coding and processing**
- ▣ **Systems Administration under Linux**
- ▣ **Linux Certification preparation (LPIC-1)**
- ▣ **Operating Systems**
- ▣ **Software Engineering**
- ▣ **Introduction to Programming**
- ▣ **Programming with C language**
- ▣ **Object-oriented Programming (Java)**
- ▣ **System Design with the UML methodology**
- ▣ **Data Visualization**
- ▣ **Computer Organization and Architecture**
- ▣ **Introduction to computing**
- ▣ **Preparation for the certification on Computer Sciences and Internet (C2I)**
- ▣ **Information Systems Project Management**
- ▣ **Discrete Structures**

Mentoring Experience

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|-----------------|--|
| 2023-2026 | Co-Mentor of the Ph.D student, Mohamed Mzoughui, to obtain the PhD in Electronics, Information and Communication Technologies (ETIC). Thesis Title: "Deep Learning-Based Kinship Verification from Facial Information classification and segmentation using deep learning approaches"
Tunisia Polytechnic School |
| 2022-2025 | Co-Mentor of the Ph.D student, Ines Neji, to obtain the PhD in Computer Systems Engineering. Thesis Title: "Image classification and segmentation using deep learning approaches"
National School of Engineers of Sfax |
| 2020-2023 | Co-Mentor of the Ph.D student, Wiem Nhidi, to obtain the PhD in Computer Science. Thesis Title: "Intelligent approach for the identification and recognition of parasitic eggs in a nest"
National School of Engineers of Gabes. |
| 09/2022-12/2022 | Mentor for M.Sc student, Ali Trad to obtain the M.Sc in Artificial Intelligence. Thesis Title: "D3S: Driver Drowsiness Detection System using Artificial Intelligence techniques"
College of Computer Science and Information Technology (CCS&IT), Al-Baha University, KSA. |

2015-2019	Co-Mentor of the Ph.D student, Sourour Brahimi, to obtain the PhD in Computer Systems Engineering. Thesis Title: "Image classification and segmentation using deep learning approaches" National School of Engineers of Sfax - Research Groups in Intelligent Machines (REGIM-Lab).
2015-2023	Mentor for 13 graduation projects (52 students) to obtain the Bachelor Degree in Computer Science College of Computer Science and Information Technology (CCS&IT), Al-Baha University, KSA.
2010-2011	Mentor for 7 graduation projects (14 students) to obtain the Bachelor Degree in Computer Science Higher Institute of Computer Science and Multimedia of Sfax (ISIMS), University of Sfax, Tunisia.
2008-2009	Mentor for 3 graduation projects (7 students) to obtain the Bachelor Degree in Computer Science Faculty of Sciences of Sfax (FSS), University of Sfax, Tunisia

Professional Memberships

2007-Present	REsearch Groups in Intelligent Machines (REGIM-Lab).	Researcher
2009-Present	Institute of Electric and Electronic Engineering (IEEE).	Member
2009-Present	IEEE Signal Processing Society (SPS).	Member
2014-Present	International Association for Pattern Recognition (IAPR).	Member
2009-Present	Association for Computing Machinery (ACM).	Member
2014-Present	Machine Intelligence Research Labs (MIRLabs).	Member
2012-Present	IEEE SPS Image Video and Multidimensional Signal Processing (IVMSP). TC affiliate member	
2012-Present	IEEE SPS Machine Learning for Signal Processing (MLSP) member	TC affiliate
2012-Present	IEEE SPS Multimedia Signal Processing (MMSP)	TC affiliate member

Editorial Board and Technical Committee member

I have served as journal academic editor, organization committee member, program/technical committee member as well as reviewer for many international journals and conferences including (but not only) the followings:

2023-Present	PLOS ONE Journal (Scopus Q1, Impact Factor=3.752)	Academic Editor
2022-Present	Journal of Computer Science (Scopus Q4)	Academic Editor
2022-2023	Hindawi Journal of Computational Intelligence and Neuroscience (Scopus Q1, Impact Factor=3.12)	Academic Editor
2024	International Conference on Intelligent Systems and Pattern Recognition (ISPR'2024)	Steering Committee Member, Publication Chair and PC member

2023	International Conferences on Intelligent Systems Design and Applications (ISDA'2023)	Publicity Committee Member
2023	International Conferences on Hybrid Intelligent Systems (HIS'2023)	Publicity Committee Member
2023	International Conferences on Information assurance and security (IAS'2023)	Publicity Committee Member
2023	International Conferences on Soft Computing and Pattern Recognition (SoCPaR'2023)	Publicity Committee Member
2023	World Congress on Nature and Biologically Inspired Computing (NaBIC'2023)	Publicity Committee Member
2023	World Congress on Information and Communication Technologies (WICT'2023)	Publicity Committee Member
2023	International Conferences on Innovations inBio-Inspired Computing and Applications (IBICA'2023)	Publicity Committee Member
2023	International Conference on Intelligent Systems and Pattern Recognition (ISPR'2023)	Steering Committee Member, Publication Chair and PC member
2022	International Conference on Innovations inBio-Inspired Computing and Applications (IBICA'2022)	Publicity Committee Member
2022	International Conference on Challenges & Opportunities for Innovation in India	Advisory board member
2022-2023	MDPI Journals: Imaging, Applied Sciences, Sensors, Remote Sensing, etc.	Reviewer
2022	CMES-Computer Modeling in Engineering & Sciences (Impact factor = 1.593)	Reviewer
2022	International Conference on Computational Collective Intelligence (IC-CCI).	Senior Program Committee member
2021-2022	International Conference of Smart Systems and Emerging Technologies (SMARTTECH).	Technical committee member
2012-2022	IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP).	Reviewer
2017-2019	IEEE Transactions on MultiMedia (Impact factor = 2.536).	Reviewer
2016	IEEE International Conference on Visual Communications and Image Processing (VCIP).	Reviewer
2015-2016	The European Signal Processing Conference (EUSIPCO).	Reviewer
2015	IEEE International Workshop on Multimedia Signal Processing (MMSP).	Technical committee member
2015	The Journal of Pattern Recognition (Impact factor = 2.584).	Reviewer
2015	The Journal of Visual Communication and Image Representation (Impact Factor= 1.361).	Reviewer
2015	IEEE International Conference on Multimedia and Expo (ICME)	Reviewer
2015	IEEE Symposium on Computers & Informatics (ISCI 2015).	Reviewer
2013-2015	IEEE International Workshop on Multimedia Signal Processing (MMSP).	Reviewer

2014	International Conference on Soft Computing and Pattern Recognition (SoCPaR). Program Committee member
2013-2014	The Journal of Machine Vision and Applications (Impact factor = 1.103). Reviewer
2013	The Journal of Frontiers of Information Technology & Electronic Engineering (Impact factor =0.297). Reviewer
2012	Mediterranean Electrotechnical Conference (MELECON). Reviewer
2011	IEEE Conference on Computer Applications & Industrial Electronics (ICCAIE). Reviewer
2010	International Conference on Signal Processing (ICSP), Beijing, China. Chairman session

References

1. Prof. Chokri Ben Amar , Professor in computer science at the College of computer and Information Technology, Taif University, Saudi Arabia. (chokri.benamar@tu.edu.sa)
2. Prof. Mourad Zaied , Professor in computer science at the National Engineering School of Gabes (ENIG), University of Gabes, Gabes, Tunisia. (mourad.zaied@ieee.org)
3. Dr. Ridha Ejbali , Associate Professor in computer science at the Faculty of Sciences, University of Gabes, Gabes, Tunisia. (ridha_ejbali@ieee.org)
4. Dr. Bedine Kerim, Assistant Professor in computer science at the Faculty of Computing and Information, Al-baha University, Saudi Arabia. (bkerim@bu.edu.sa)

Updated on December 24, 2023

Najib BEN AOUN