

BELAZZOUG MOUHOU

Maître de Conférences Classe A (Associate Professor)

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1. PROFESSIONAL SUMMARY

Dedicated Researcher and Senior Lecturer at the University of Bachir Ibrahimi. Specialist in Computer Science with a focus on statistical learning, data mining, and optimization. Over 20 years of combined experience in industrial IT engineering and academic research.

2. ACADEMIC QUALIFICATIONS

- **Habilitation à Diriger les Recherches (HDR)** – Computer Science | University of Bachir Ibrahimi (2025)
- **Doctorate (Ph.D.) in Computer Science** | Farhat Abbess University, Sétif (2021)
 - *Thesis:* Statistical learning for concept extraction from texts
- **Magister in Computer Science** | Farhat Abbess University, Sétif (2011)
 - *Thesis:* Querying a Database from a Knowledge Base in a Knowledge Development Environment
- **Engineer in Computer Science (Hardware & Software)** | Farhat Abbess University, Sétif (1999)
 - *Thesis:* Automatic management and assignment of tasks at Sonelgaz BBA
- **Baccalauréat** – Exact Sciences (1994)
- **Language** ; Arabic ; French ; English

3. PROFESSIONAL CAREER

- **Enseignant Chercheur (Senior Lecturer)** | University of Bachir Ibrahim, BBA (2013 – Present)
 - Appointed as Maître de Conférences Classe A.
 - Affiliated with the Department of Computer Science, Faculty of Mathematics and Computer Science.
 - **IT Engineer** | Local Administration of the Wilaya of BBA (2007 – 2011)
 - **IT Engineer** | EMBAG (Packaging & Graphic Arts Unit), BBA (2001 – 2007)
 - **National Military Service** | Class 20B (2000 – 2001)
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4. TEACHING EXPERIENCE

- **Parallel Computing:** Course Lead & Lab Instructor (Master 2: Networks & Multimedia)
 - **Data Mining & Information Retrieval:** Course Lead and TD/TP (Master 1 & 2)
 - **Multi-Agent Simulation:** Lab Instructor (Master 2: Decision Support Systems)
 - **Project Management:** Course Lead & Lab Instructor (Licence)
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5. RESEARCH & PUBLICATIONS

Research Interests: Data Mining, Automatic Text Categorization, Optimization Algorithms, Dimensionality Reduction.

- **Belazzoug, M., et al.** (2020). An improved sine cosine algorithm to select features for text categorization. *Journal of King Saud University-Computer and Information Sciences*.
 - Belalta, R., **Belazzoug, M.,** & Meziane, F. (2024). A graph based named entity disambiguation using clique partitioning and semantic relatedness. *Data & Knowledge Engineering*.
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- Saifi, A., **Belazzoug, M.**, et al. (2025). Predicting missing links in complex networks. *Evolving Systems*.
- Boumaza, F., **Belazzoug, M.**, et al. (2024). Binary Grey Wolf Optimizer for Mapping Real Time Applications on MPSOCs Architecture. *IAM*.
- Laifa, M., **Belazzoug, M.**, et al. (2024). Satisfaction of students and teachers with blended learning during COVID-19 pandemic. *International Journal of Learning Technology 19*.
- Laifa, M., **Belazzoug, M.**, et al. (2024). Analysing the Algerian social movement through Twitter. *International Journal of Information and Communication Technology 24*.
- Bendiaf, M., **Belazzoug, M.**, et al. A Deep Learning Approach Based on Interpretable Feature Importance for Predicting Sports Results.

Google scholar: <https://scholar.google.com/citations?hl=en&user=ov914bEAAA AJ>

6. PERSONAL INFORMATION

- **Born:** November 11, 1975 in Bordj-Zemoura, BBA.
- **Status:** Married, 5 children.

Signature

