

Montasser AKERMI

I Basic information

- **Title:** Graduate Teaching Assistant, Faculty of Sciences of Sfax
- **Institution:** University of Sfax
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- **Website:** <https://akermi.org>
- **Citizenship:** Tunisian (natural-born)

2 Education

- Faculty of Sciences of Sfax, University of Sfax
(2022) Master of Science, Computer Science
(2020) Bachelor of Science, Computer Science

3 Positions held

- (2023–Present) Graduate Teaching Assistant, Department of Computer Science and Communications, Faculty of Sciences of Sfax, University of Sfax
- (2020–22) Graduate Student Researcher, Faculty of Sciences of Sfax, University of Sfax
- (2020) Undergraduate Research Assistant, University of Sfax

4 Teaching

4.1 University of Sfax

Semester	Course Title	Students
1st S. 2024–25	Java 2	64
1st S. 2024–25	Big Data	50
1st S. 2024–25	Analytical Data Architectures Based on Big Data	31
2nd S. 2023–24	Big Data Processing & Frameworks	31
1st S. 2023–24	Big Data	17
2nd S. 2022–23	Initiation into Big Data	34

5 Awards

- (2022-23) In-Com SDG Challenge, Faculty of Sciences of Sfax
- (2022) Huawei ICT Academy Student, Huawei ICT Academy
- (2021) Huawei ICT Competition, Huawei ICT Academy

6 Professional activity

6.1 Appointments and memberships

- (2021–Present) Data Engineering and Semantics Research Unit (UR21ES01), Member
- (2017–Present) Institute of Electrical and Electronics Engineers (IEEE), Member

7 Media

- (2023) Projet PAQ-DGSE: Une cérémonie de Remise des Prix le Vendredi 26/05/2023 à la Faculté des Sciences de Sfax [LINK]

8 Publications

8.1 Archival, heavily refereed papers

- [P1] **Akermi, M.**, Hadj Taieb, M., Ben Aouicha, M., (2023). “Data Virtualization Enabling Distributed Data Architectures: Data Fabric and Data Mesh”. *International Journal of Computer Information Systems and Industrial Management Applications* **15** 2023, 1–12. ISSN: 21507988 (ISSN).

8.2 Conference papers

- [C1] **Akermi, M.**, Hadj Taieb, M. A., Ben Aouicha, M., (2023). “Data Virtualization Layer Key Role in Recent Analytical Data Architectures”. *Intelligent Systems Design and Applications*. Ed. by Ajith Abraham, Sabri Pllana, Gabriella Casalino, Kun Ma, and Anu Bajaj. Cham: Springer Nature Switzerland, 415–426. DOI: 10.1007/978-3-031-35501-1_42.