

Wissal Midani

PhD student in Computer Science, Faculty of Economics and Management of Sfax (FSEG),
University of Sfax, Tunisia

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Personal Data

<i>Nationalité</i>	Tunisian
<i>Date and place of birth</i>	15 February 1994, Tunisia, Gabes
<i>Gender</i>	Female
<i>Marital status</i>	Single

Education

	Faculty of Economics and Management of Sfax (FSEG)	<i>Sfax, Tunisia</i>
<i>2019–</i>	Doctorate in Computer Science	<i>Sfax, Tunisia</i>
	Faculty of Sciences of Sfax (FSS)	
<i>2017–2018</i>	• 2nd Master of Research in Computer Science	
<i>2016–2017</i>	• 1st Master of Research in Computer Science	
	Faculty of Sciences of Sfax (FSS)	<i>Sfax, Tunisia</i>
<i>2015–2016</i>	• 3rd Fundamental License in Computer Science	
<i>2014–2015</i>	• 2nd Fundamental License in Computer Science	
<i>2013–2014</i>	• 1st Fundamental License in Computer Science	
<i>2009 -2013</i>	Lassouda Secondary High School Mathematics Bachelor	<i>Sidi Bouzid, Tunisia</i>

Project Graduation

<i>2017-2018</i>	Anomaly detection in an online time series from the Internet of Medical Things
<i>2015–2016</i>	Study and development of a Taxi Reservation application

Teaching Experience

<i>2022–2023</i>	Contractual: Faculty of Sciences of Sfax (FSS) <ul style="list-style-type: none">• Course: Database Engineering, 2nd Year License of Computer Science (LSI 2)• TP: Data Warehouse, 1st Year Computer Science Engineer (I 1)
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- TP: Algorithmics and Language C1, 1st Year License Math and Electronics, Electrical Engineering and Automation (LMA1, LEEA1)
- Course: 2CN D2 Digital Culture and Skills, 1st Year License in Electronics, Electrotechnics and Automation (LEEA 1)
- TD: Algorithmics and Language C2, 1st Year License in Math and Applied Math (LM 1, LMA1)
- Course: 2CN D4 Culture and Digital Skills, 1st Year License in Life and Environmental Sciences (LVE 1)

2020–2021

Temporary Worker : Faculty of Sciences of Sfax (FSS)

- TP: UBUNTU operating system, 1st year License of Computer Science (LSI 1)
- TP: Database Administration, 2nd Year License of Computer Science (LSI 2)

Co-Organization of Scientific Events

- September 2023* Workshop on Intelligent Decision Support System **iDSS 2023, Faculty of Sciences of Sfax (FSS)**
- July 2023* Social Media Mining: Application to hate speech detection, **Digital Research Center of Sfax (CRNS)**
- June 2018* Workshop on Intelligent Decision Support System **iDSS 2019, Faculty of Sciences of Sfax (FSS)**

Certifications

- July 2023* Intelligence Artificielle and chat GPT, **La Palaya Hammamet**
- July 2023* Portal to study and work in Canada, **La Palaya Hammamet**
- March 2023* IN_TECH_ARSII DAY 2023, **Digital Research Center of Sfax (CRNS)**
- February 2023* Soft Skills, Leadership, **Sentido bellevue park sousse**
- December 2022* The SOC: Organization, Maturity and Agility, **Digital Research Center of Sfax Sfax (CRNS)**
- December 2022* ITCA&CET, ISACA's stackable certifications, **Digital Research Center of Sfax (CRNS)**
- December 2022* Next Generation Cybersecurity: Cloud Security Risk, **Digital Research Center of Sfax (CRNS)**
- December 2022* Buffer Overflow Attacks & Mitigation Techniques, **Digital Research Center of Sfax (CRNS)**
- December 2022* ATT&ck attack techniques and common knowledge, **Digital Research Center of Sfax (CRNS)**
- December 2022* 35 th Workshop on Intelligent Machines : Theory & Applications (WIMTA'35), **MOURADI Sousse**
- September 2022* JAS '22: Intelligent Medical Systems and Security, **Village of Expert Sfax**
- December 2021* 34th Workshop on Intelligent Machines : Theory & Applications (WIMTA'34), **Sportissimo Sfax**
- December 2020* Collaboration & Funding Webinar, **web of science groupe**
- December 2020* Journal Selection Webinar, **web of science groupe**
- December 2020* Manuscript Preparation Webinar, **web of science groupe**
- June 2019* Workshop on Intelligent Decision Support System IDSS 2019, **Faculty of Sciences of Sfax (FSS)**

Midani, W., Ouarda, W., & Ayed, M. B. (2023). DeepArr: An investigative tool for arrhythmia detection using a contextual deep neural network from electrocardiograms (ECG) signals. *Biomedical Signal Processing and Control*, 85, 104954. **(Q1 in Biomedical Signal Processing and Control SJR 5.1)**

Midani, W., Ouarda, W., & BenAyed, M. (2023, September). Res 1D CNN and BiLSTM with Attention Mechanism Integration for Arrhythmia Diagnosis. In *International Conference on Computational Collective Intelligence*. Cham: Springer International Publishing. **(Rang B)**

Midani, W., Fki, Z., & BenAyed, M. (2019, October). Online anomaly detection in ECG signal using hierarchical temporal memory. In *2019 Fifth International Conference on Advances in Biomedical Engineering (ICABME)* (pp. 1-4). IEEE. **(Indexed)**