



Malak CHNITER

Ph.D Student in Computer Science

Diplomas and Trainings

Since Apr. 2021	Ph.D Degree Faculty of Economics and Management of Sfax (FSEGS)
Sep. 2016 - Aug. 2019	Research Master Diploma Higher Institute of Computer Science and Multimedia of Sfax (ISIMS) Enterprise System Engineering (Framework of a European project Master)
Sep. 2013 - Jun. 2016	Senior Technician Diploma in Computer Science Technologies Higher Institute of Technical Studies of Medenine (ISETMed) Computer Science Technologies: Networks and IT Services
Sep. 2012 - Jul. 2013	Baccalaureate Diploma High school, Tunisia Computer Science
Oct. 2023	Deep learning (16 total hours) CSF centre de formation professionnelle Instructor: Pr. Yousri Kessentini
Mar. 2022	Data Mining (9 total hours) Tunisian Operational Research Society (TORS) held in Faculty of Economics and Management of Sfax (FSEGS) Instructor: Pr. Habib Amouri
May. 2019	New technologies: Deep Learning & Blockchain (16 total hours) held in National School of Electronics and Telecommunications of Sfax (ENET'Com) Instructor: Pr. Bassem Ben Hamed

Certificates of Completion

Oct. 2023	Fundamentals of Deep Learning - Certificate of Competency NVIDIA DLI
-----------	--

Study Projects

Since Apr. 2021	Thesis Project Multimedia, Information Systems and Advanced Computing Laboratory (MIRACLab) Research Keywords: Collaborative e-learning, real-time system, multi-ant colonies optimization, multi-agent approach, parallelization, computational complexity
Jan. 2018 - Aug. 2019	Final Master Thesis (supported with honors / Très Bien) Higher Institute of Computer Science and Multimedia of Sfax (ISIMS) "A Hybrid Bio-inspired Approach for Building Collaborative e-Learning Teams"
Feb. 2016 - May. 2016	End of Studies Project (supported with honors / Très Bien) Higher Institute of Technical Studies of Medenine (ISETMed) "Design and Development of a desktop computer management application and requests for interventions"

Pedagogical experiences

Since Sep. 2023	Contractual Teacher Faculty of Letters and Human Sciences of Sfax
Sep. 2022 - Jul. 2023	Contractual Teacher Higher Institute of Computer Science and Multimedia of Sfax (ISIMS) <i>Teaching subject: Big Data et architectures des données associées (TP)</i>
Mar. 2021 - Jul. 2022	Teacher Institut BEFI, Sfax <i>Teaching subject: Javascript</i>
Jan. 2021 - Jul. 2022	Substitute Teacher Higher Institute of Computer Science and Multimedia of Sfax (ISIMS) <i>Teaching subjects: Big Data et architectures associées (TP), Systèmes d'exploitation (TP), AI programming & foundations (TP)</i>

Work experiences

Feb. 2016 - May. 2016	Software Developer End of Studies Internship Regional Dairy Industries Corporation Society (SORIL), Tunis
Jan. 2016	Wordpress/Web Developer Technician Internship Sotumedia, Tunis
Jan. 2014	Charge customer Worker Internship Tunisie Telecom, Medenine

✉ maleek.chniter@ieee.org

☎ +216 21 820 689

📍 Medenine, Boughrara 4141



Computer Skills

Ms office, Latex

Google Data Studio

DBMS: Microsoft SQL Server, PostgreSQL

Python

JAVA

C#

Matlab

PHP

Analysis & modelling: UML

ERP & CRM: Odoo

Photoshop & Illustrator

CMS: Wordpress

OSs: Windows, Ubuntu Linux



Research Methodology

Systematic Literature Review



Languages

Arabic

English

French

Spanish



Interests

Modern Standard Arabic: teaching
Letter Outlets, written production

Calligraphy

DIY: kids' accessories

Sport: Aerobic

Self-Learning: I'm curious and self-
motivated to learn new skill/Language

Scientific Activities

Dec. 2022	Participation in the 35th Workshop on Intelligent Machines: Theory & Applications (WIMTA'35): REsearch Groups in Intelligent Machines Laboratory held in El Mouradi Palace Sousse Hotel, Tunisia on 18-20 December 2022.
Sep. 2022 – Oct. 2022	Research internship on the topic of "Reducing the computational complexity of ant clustering algorithm: Application to real-time collaborative learning teams formation" : Centro de Innovación para la Sociedad de la Información (CICEI-ULPGC) University of Las Palmas de Gran Canaria, Spain
Mar. 2022	Participation in the IEEE-EDUCON2022: Global Engineering Education Conference Flagship conference of IEEE Education Society held in Ramada Plaza Tunis Hotel, Tunisia on 28-31March 2022.
Jan. 2022	Member of the program committee in the IEEE-EDUCON2022 By submitting 2 reviews
Dec. 2021	Participation in the 34th Workshop on Intelligent Machines: Theory & Applications (WIMTA'34): REsearch Groups in Intelligent Machines Laboratory held in Sportissimo, Sfax on 29 December 2021
Jun. 2019	Participation in the 5th workshop on intelligent Decision Support Systems (IDSS 2019) held in Faculty of science of Sfax (FSS), on 12-13 June 2019

Community Involvement

Since Jan. 2023 **IEEE Systems, Man, and Cybernetics Society Secretary**

Memberships

Since Dec. 2017	IEEE Graduate Student Membership: 94599373 Societies: IEEE Young Professionals (YP), Education Society (ES), Computational Intelligence Society(CIS), Women in Engineering (WIE), Communication Society (CS)
Since Dec. 2022	IEEE Systems, Man, and Cybernetics Society (SMCS)
2018 - 2019	Active Member Python Tunisia, ISIMS

Publications

Malak Chniter, Abir Abid, Ilhem Kallel, and Slim Kanoun. "Computational Complexity Analysis of Ant Colony Clustering Algorithms: Application to Student's Grouping Problem." In *2022 IEEE International Conference on Systems, Man, and Cybernetics (SMC)*, pp. 736-741. IEEE, 2022.

Ilhem Kallel, and **Malak Chniter**. "Building Collaborative e-Learning Teams in a Smart Education Environment." *2019 IEEE International Smart Cities Conference (ISC2)*. IEEE, 2019. p. 324-329.

Malak Chniter, Abir Abid, and Ilhem Kallel. Towards a Bio-inspired ACO Approach for Building Collaborative Learning Teams. In : *2018 17th International Conference on Information Technology Based Higher Education and Training (ITHET)*. IEEE, 2018. p. 1-8.