

PERSONAL INFORMATION



Nesrine Tarhouni

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Gender Female | Date of birth 19 January 1994

WORK EXPERIENCE

September 2023 – until now

Permanent Teacher

IT Business School, Tunisia

- Teacher at computer science department

January 2023 – July 2023

Part-time Teacher

Faculty of Sciences of Sfax, Tunisia

- Teaching Course and training on computer security

February 2023 – July

Part-time Teacher

Espin university, Tunisia

- Teaching Course in Data Mining

November 2020 – January 2021

Research Internship

Laboratoire d'informatique, de robotique et de microélectronique, Montpellier, France

- Tamper Localization and image recovery using LIFT features and watermarking.

September 2019 – January 2020

Part-time Teacher

National Engineering School of Sfax, Tunisia

-Training language C for students of engineering degree.

April 2018 — June 2018

Research Internship

Laboratoire Bordelais de Recherche en Informatique, Bordeaux, France

-Finding the projection of the saliency map of a source image to a target image to increase a set of similar images.

EDUCATION AND TRAININGS

2017 – 2022

PH.D. In Computer Systems Engineering

National Engineering School of Sfax, Tunisia

-Thesis title: Copyright protection, authenticity and Integrity control of Digital sensitive content by invertible image watermarking scheme

-Technologies: Matlab, Python

2014–2017

Engineering Degree in Computer Science

National Engineering School of Sfax, Tunisia

-Subject of ending year project: A DCT-Based Blind and Robust Image Watermarking Scheme.

-Technologies: Matlab

2012– 2014 **National Exam for entry to engineering schools**
High school of sciences and technologies, Hammam Sousse Tunisia

2012 **Baccalaureate in mathematics**
14 January secondary school,Nabeul, Tunisia

ACADEMIC PROJECTS

Biometry

- Design and implementation of a web application in the context of biometrics
- Technologies: PHP, HTML5, CSS3, Mysql

Shock Detection

- Implementation of a mobile application for shock detection to supervise the elderly
- Technologies: Android studio, Sqlite

Smart City

- Implementation of a mobile application as part of "smart city" for beauty center
- Technologies: Android studio, Sqlite, Mysql

Data Extraction

- Implementation a data extraction application for images
- Technologies: Matlab

LANGUAGE SKILLS

Mother tongue(s) Arabic

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
French	C2	C2	C2	C2	C2
English	B2	C2	B2	B1	C2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user
Common European Framework of Reference (CEF) level

ORGANISATIONAL SKILLS

Organisational Skills

- Organization member of Workshop on Intelligent Machines: Theory and Applications WIMTA'31, 25-27 March 2019, Monastir, Tunisia
- Organization member of Workshop on cyber-security: I PROTECT V3, 17-19 July 2021, Sfax, Tunisia
- Organization member of Workshop on cyber-security: I PROTECT V4, 26-28 December 2021, Sousse, Tunisia
- Organization member of Workshop on cyber-security: I PROTECT V5, 23-26 December 2022, Sfax, Tunisia

CERTIFICATIONS

2022 Lead Project Manager

ISO 21500 Lead Project Manager, PECB

PUBLICATIONS

Publications

-**Nesrine Tarhouni**, Maha Charfeddine and Chokri Ben Amar, A New Robust and Blind Image Watermarking Scheme In Frequency Domain Based On Optimal Blocks Selection, International Conference in Central Europe on Computer Graphics, Visualization and Computer Vision, 78-86 (2018)

-**Tarhouni N**, Charfeddine M, Ben Amar C, Novel and Robust Image Watermarking for Copyright Protection and Integrity Control, Circuits, Systems, and Signal Processing, 1-45 (2020)

-**Tarhouni N**, Masmoudi, S., Charfeddine, M.,Charfeddine M, Ben Amar C, Fake COVID-19 videos detector based on frames and audio watermarking. Multimedia Systems (2022)