

Hajer Ghodhbani

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hajer.ghodhbani @ieee.org
Tunisia, Tunis
18/04/1991

PROFESSIONAL SUMMARY

A doctor in Image Processing at the National Engineering School of Sfax (ENIS) and a member of REGIM-Lab (ReGIM-Lab. REsearch Groups in Intelligent Machines) since 2019, working in research subject related to fashion intelligent systems. In parallel, an assistant teacher at the National Institute of Applied Science and Technology (INSAT-Tunis).

SKILLS

- Proficiency in computer programming languages, software applications, and operating systems
- Expertise in Graphic Design
- Proficiency in using educational technology to enhance learning experiences
- Expertise in designing and delivering lessons
- Continuous learning mindset to stay up-to-date with the latest advancements in technology
- Team work
- Problem-solving
- Leadership
- Communication
- Attention to Detail
- Creativity
- Time Management

LANGUAGE

Arabic 

English 

French 

PROFESSIONAL EXPERIENCE

Since September. 2022

Tunisia, Tunis

Assistant Teacher

National Institute of Applied Science and Technology (I.N.S.A.T)

Subjects taught: Data Structures and Algorithms, Programming language

Level: Engineering students

Sept. 2020 – Juil. 2022

Tunisia, Kasserine

Assistant Teacher

Institut Supérieur des Sciences Appliquées et de Technologie (I.S.S.A.T)

Subjects taught: Data Structures and Algorithms, 2D / 3D mesh and Visualization, information theory, signal processing, Computer networks, Computer architecture, Operating system, theory of compilation, Datawarehouse, indexation and RM, Python, Cloud and virtualization, IoT architecture, Distributed System, ...

Level: Students in computer sciences (First year, Second year and Third year)

Sept. 2018 – Juil. 2020

Tunisia, Kasserine

Expert Computer Teacher

Higher Institute of Arts and Crafts (I.S.A.M)

Subjects taught: 2D Modeling, 3D Modeling and Computer Graphics

Level: Professional Master in Design

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July. 2014 – Aug 2018

Tunisia, Kasserine

Computer Designer

CDF (Center for Software Development and Continuing Education)

Main missions:

- Web/mobile design and development
- Production of video games and animated films
- Creation of interactive supports (Web, multimedia)
- Creation of graphics, drawings, illustrations using specialized software
- Realization and creation of different templates and communication media

FORMATION

2019-2023

Tunisia, Sfax

PhD in Computer Sciences

National Engineering School of Sfax (E.N.I.S)

Host Lab: *Research Group in Intelligent Machine (REGIM Lab)*

Specialty: *Image Processing*

2014-2016

Tunisia, Tunis

Research Master's degree in Computer Sciences

High School of Sciences and Techniques of Tunis (E.N.S.I.T)

2010-2013

Tunisia, Tunis

Bachelor's degree in Computer Sciences

High School of Sciences and Techniques of Tunis (E.N.S.I.T)

2010-2013

Baccalaureate in Experimental Sciences

INTERNSHIP & PARTICIPATION TO PROJECT

2020 - 2021

PAQ_Collabora Enet'com

Host Organization: *REGIM Lab, ATISP, TDS Company, Research Lab in Neuroscience of the Medicine Faculty of Sfax*

Project: *AI at the service of Neurodegenerative and Cerebrovascular Diseases*

Domain: *Artificial Intelligence, Computer Vision*

2019 - 2023

PAQ-Collabora PAMTPA-SGDL

Host Organization: *Faculty of Medicine of Sfax*

Research Subject: *Serious Games and Deep learning*

Domain: *Artificial Intelligence, Computer Vision, Augmented Reality*

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2015 - 2016

Research Master's internship in computer sciences

Host Organization: *CNSTN Lab and LATICE Lab*

Subject: *Dynamic Representation of Protein Network*

Domain: *Bioinformatics*

Jan 2013 - Jun 2013

PFE internship

Host Organization: *Urgent Medical Assistance Center (CAMU)*

Subject: *Application development for pharmaceutical stock management*

STUDENT SUPERVISION

Jan 2021 - Jun 2021

PFE Supervision

Project: *Design and Development of a digital marketing platform*

Higher Institute of Technological Studies of Kasserine

Actually

Thesis Co-Supervision

Project: *Generative Adversarial Models for Image Watermarking*

Organization: *Research Group in Intelligent Machine (REGIM Lab)*

Certificates and Awards

Apr 2022

Certificate of training of trainers : Delivered by Enda Inter-arabe

Jun 2020

Certificate of Speak English Professionally from Georgia Institute of Technology, **Programming for Everybody (Python)** from University of Michigan, and **Data Scientist's Toolbox** from Johns Hopkins University

May 2020

Certificate of Neural Networks and Deep Learning from deeplearning.ai

Sep 2020

Certificate of Graphic Design from University of Colorado

Mar 2020

IEEE English for Engineering Courses

Dec 2018 & Mar 2020,
2021 & 2022

Awards of Best Oral Presentations, Best Poster and Best Pitch in Wimta30 and Wimta32 WIMTA 33 and Wimta 35: workshops in intelligent Machines organized by REGIM and IEEE

INTEREST

- Traveling
- Painting
- Photography
- Participation in events