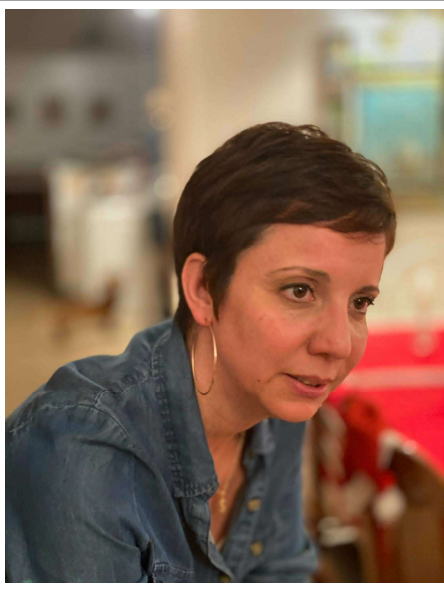




SONIA ALOUANE

ASSISTANT PROFESSOR IN COMPUTER SCIENCE

WORK EXPERIENCE

• 2022 – Present

ASSISTANT PROFESSOR IN COMPUTER SCIENCE – National Engineering School of Tunis (ENIT) – University of Tunis El Manar

• 2015 – 2022

ASSISTANT PROFESSOR IN COMPUTER SCIENCE – Higher Institute of Computer Science and Management (ISIG) – University of Kairouan

• 2018 – 2023

SENIOR IT CONSULTANT & PROJECT MANAGER - Poulina Group Holding

- Led the migration of legacy monolithic software systems into scalable microservices architectures.
- Implemented and championed Agile project management methodologies across internal development teams.
- Developed and deployed a company-wide Time Sheet system for optimized development team tracking and project monitoring.
- Founded and launched the "IT Incubator" (Pépinière Informatique) talent program, orchestrating candidate selection, technical interviews, and career conversion training.

• 2016 – 2018

DEPARTMENT HEAD OF DISTANCE LEARNING – University of Kairouan

- Directed the distance learning department strategies, standardizing remote education policies and tools.

• 2001 – 2015

TECHNOLOGUE - National Engineering School of Tunis (ENIT) – University of Tunis El Manar

• 2015

DISTANCE LEARNING COMMITTEE MEMBER – University of Tunis El Manar

- Contributed to university-wide digital learning transformation initiatives and infrastructure design.

TEACHING AREAS

- Database Systems
- Software Engineering
- Data Mining
- Data visualization
- Business Intelligence
- Agile Project Management
- Object-Oriented Modeling
- Machine Learning

✉ Sonia.alouane@enit.utm.tn

☎ +216 98313142

📍 Campus universitaire, BP 37, Le Belvédère, 1002, Tunis, Tunisie

OBJECTIVE

University lecturer and researcher in Computer Science with experience in teaching undergraduate and graduate courses, supervising student projects, and conducting research in Data Science. Passionate about knowledge sharing, innovation, and interdisciplinary collaboration.

SKILLS

- Communication
- Team Management
- Project Management
- Continuous Learning

LANGUAGES

- English: intermediate
- Arabic: native speaker
- French: native speaker
- Italien: beginner level

HOBBIES

- Painting
- Gardening

EDUCATION

- 2011 – 2014

PH.D. IN COMPUTER SCIENCE- National Engineering School of Tunis (ENIT)

- Thesis: Tripartite computation of document co-similarities (Co-supervised with CEDRIC-CNAM, Paris, France).

- 2000

"AGRÉGATION" IN MANAGEMENT INFORMATION SYSTEMS (IT)

- 1998 – 2000

CESS IN MANAGEMENT INFORMATION SYSTEMS – National School of Computer Science

- 1994 – 1998

MASTER'S DEGREE (MAÎTRISE) IN APPLIED COMPUTER SCIENCE TO MANAGEMENT - Higher Institute of Management in Tunis (ISG Tunis)