



LILIA SFAXI

ASSISTANT PROFESSOR IN SOFTWARE ENGINEERING

Tunis, 2078, TUNISIA (216) 21 84 03 20

DETAILS

2 rue de Lyon, La Marsa
Tunis, 2078
Tunisia
(216) 21 84 03 20
lilia.sfaxi@insat.ucar.tn

25/01/1983

LINKS

[Homepage](#)
 [Linkedin](#)
 [Youtube channel](#)

SKILLS

Ability to multitask
Ability to work in a team
Communication skills
Leadership
Computer Skills

LANGUAGES

Arabic
French
English

HOBBIES

I read. I love family gatherings.
And I used to be a great theater actress!

PROFILE

A passionate teacher, a people person, and a tireless worker. I believe that knowledge is meant to be shared, and that science should be accessible to all.

EMPLOYMENT HISTORY

Assistant Professor at INSAT

2012 – Present

Courses taught (in French): Big Data, eServices, Software Architecture, Operating Systems, Service Oriented Architecture, Mobile Development.

Teaching Assistant at Mediterranean School of Technology (Medtech)

2015 – Present

Courses taught (in English): Web and Mobile Development, Introduction to Software Engineering, Database Management Systems, Tests and Verification.

Teaching Assistant at Virtual University of Tunis (UVT)

2012 – Present

Courses taught (in French, online): Android, Spark Workshop.

Teaching Assistant at Faculty of Science of Tunis (FST)

2018 – Present

Courses taught (in French): Big Data for research.

Contractual Assistant at Higher Institute of Computer Science (ISI)

2009 – 2012

Courses taught (in French): UML, CASE tools, Embedded OS.

EDUCATION

Ph.D. at University of Grenoble & Faculty of Science of Tunis

2009 – 2012

Topic: Building secure component-based distributed systems respecting the non-interference property.

Masters at National Polytechnic School of Grenoble (INPG)

2008 – 2009

Specialty: Micro and Nano Electronics

Software Engineering at INSAT

2001 – 2007


Distinction: High Honors (Valedictorian)

◉ CERTIFICATIONS ◉

TENSTEP Project Manager
2021
ECO-C - Communication Trainer
2021
LPIC2 - Linux Engineer
2021
lpi.org/v/LPI000462699/lpdp5qv92w
LPIC1 - Linux Administrator
2020
lpi.org/v/LPI000462699/s2nkma3yga
IEEE Senior Member
2019
Microsoft Certified Educator
2019
IBM Mobile Application Dev.
2016 & 2017
IBM Big Data Developer
2017
ITIL V1 – Foundation Examination
2011

Find my Acclaim Transcript [here](#)




SCIENTIFIC PUBLICATIONS

 **Research Papers**
You can find all my publications [here](#).



RESEARCH ACTIVITIES

-  **Co-supervision of PHD Students**
2012 – Present
M. Loukil (*enrolled 2020*): « Optimization of data processing using graphs »
A. Maamouri (*enrolled 2019*) : « A Big Data Architecture for the surveillance of sensitive sites »
O. Trabelsi (*enrolled 2019*) : « Big Data Systems, between performance and security »
M. Ben Aissa (*defended 2021*): « Decisional applications from BI to Big Data »
M. Naceur (*defended 2015*): « Robustness Testing of Security Protocols »
-  **Co-Chair of the AI and Big Data Conference**
2020
Online Conference (Due to pandemic), part of the DTU (Digital Tools and Uses) Congress: [Conference website](#), [Youtube channel](#), [Congress website](#).
-  **Scientific Chair of the AICO Conference**
2018
Artificial Intelligence Conference, Hammamet, Tunisia: [Conference website](#)
-  **Organisation Team Member of the FMS Workshop**
2014
FMS: Formal Methods for Security workshop, a satellite event of the Petrinets Conference. [Workshop website](#).

ACADEMIC RESPONSIBILITIES

-  **Member of the scientific council of INSAT**
2018 – 2020
Communication manager of the scientific council.
-  **Director of the Career and Skills Certification Center**
2018 – Present
[Career Center Website](#)
-  **Advisor of the Computer Society Chapter, IEEE INSAT student branch**
2015 – Present

OTHER ACTIVITIES

-  **Member of the Tunisian eGovernance Society**
2015 – Present
[Page FB](#)
-  **Head of Mentoring in Data Co-Lab**
2019 – Present
[Data Co-Lab LinkedIn](#)