



SALAH GHODHBANI

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**MASTER TECHNOLOGIST | ASSOCIATE
PROFESSOR IN INFORMATION TECHNOLOGY**

EDUCATION

- 2020-2024** **PHD in Business Computing (Smart LAB-University of Tunis)**
 - Domain : Big data Analytic & smart cities applications
- 2013-2015** **Research Master degree (Higher institut of management -Tunis)**
 - Speciality : information system and decision support system
- 2003-2007** **Master degree in Applied IT in Management (ISG Tunis)**
 - Speciality : IT management

EXPERIENCE PEDAGOGICAL

- Associate Professor (From 2024) -Higher institute of technological studies -Kasserine
- Head of IT Departement (Since 2018) HITS-Kasserine
- Assistant Professor (From 2016) HITS-Kasserine
- Elected Member of the Scientific Advisory Council (From 2018)
- Elected Member of the Pedagogical Commitee (From 2020)
- Secondary School Teacher (2007 - 2015)

SOFTWARE. DEVELOPER

Software developer

Softway/COMANDEV/ CDF (FREELANCE)
odesk/enlance

Web developer/webmaster

- Web Site iset kasserine : www.isetks.rnu.tn /electrocentre.tn
- Web Plateforms : ciatt.com.tn /sg-projects.site/arnt-kasserine-iset.tn

IT TRAINER

Web technologies Trainer (CDF-EXPERTIC-COMANDEV)
Project Management and Scrum Trainer (Smart Tunisia)
Software Development Trainer (CNCPP-Kasserine)

SCIENTIFICS ACTIVITIES

INTERNSHIP AND MISSIONS

Research mission (2022) : Republic of korea

- Data4Transport – Harnessing Big data to improve intersection traffic operation in urban cities

Master'Internship (2014)

- University: ISITCOM - SOUSSE
- Goal : La mise en place d'une plateforme de sécurité: IDS/IPS

Pro internship (2007)

- Company : C.N.S.T.N - TUNISIA
- Mission: WorkFlow Solution

RESEARCH AND PUBLICATIONS

Published Papers

- **Salah Ghodhbani**, Farah Jemili, Filtering IDS alarms using Ant clustering approach, international conference on intelligence and security informatics, USA, 2015
- **Salah GHodhbani, Sabeur ELkosantini** : Transfer Learning Based Architecture for Urban Transportation Big Data Fusion, International ACM Conference on Management of Digital EcoSystems - MEDES, Italy, 2022
- **Salah Ghodhbani, Sabeur Elkosantini** : A DL based Framework For Multimodal Data Fusion in Traffic Jam prediction, 14th International IEEE (Tech Co-sponsor) Conference on Software, Knowledge, Information Management and Applications, 2022
- **Salah Godhbani, Sabeur Elkosantini, S., Lee, S. M., & Suh, W.** : A Spatial-Temporal DL Approach for Traffic Flow Prediction Using Attention Fusion Method. In 2024 IEEE International Conference on Advanced Systems and Emergent Technologies (IC_ASET) (pp. 1-6). IEEE. (2024, April)
- **Salah Godhbani, Sabeur Elkosantini, S., Lee, S. M., & Suh, W.** : A New Multimodal and Spatio-Temporal Dataset for Traffic Control: Development, Analysis, and Potential Applications. In 2024 IEEE International Conference on Advanced Systems and Emergent Technologies (IC_ASET) (pp. 1-5). IEEE. (2024, April).

PROJECTS AND EVENTS

PROJECTS SUPERVISION

Final Studies Projects supervision (Since 2015)

- Licence : 40 projects
- Master Degree : 10 projects
- PHD (Co-Supervision) : 2 projects

TRAINING

Scientific Events Organization and participation

- JPO 2017-2018-2019
- Oracle 12g Training?
- Linux Administration Training
- MICROSOFT Imagine Academy
- Innovation LAB-GIZ 2021
- First Conference on Automation and Robotic Network Tunisia-DAAD 2021
- Hackathon BTK -GIZ 2021
- GDG 2022-2023

IT SKILLS AND CERTIFICATIONS

PROGRAMMATION

Langauages and frameworks

- C++, JAVA, Python, C, VB, J2EE
- WEB: PHP, JS, HTML5, CSS, Bootstrap, jQuery, AJAX, CMS
- Framework : Spring, Angular, Symfony, laravel
- Mobile : Android, Kotlin, cordova,
- Cross-platform : Flutter

OPERATING SYSTEMES & NETWORKS

Operating System

- Linux : Ubuntu, Fedora, redhat
- Microsoft: windows
- Zorin

BUSINESS INTELLIGENCE

Network and Security

- Architectures
- Installation et configuration des réseaux TCP/IP
- Sécurité réseaux :IPS/IDS, firewall, cryptographie

Solutions BI

- Solution : Pentaho, Birt, Ariacom, Jrubik, Azure
- Langauges: PL/SQL, MDX
- SGBD: Mysql, Postgre, Oracle

Fouille de données & big data

- Data mining
- Plateformes: weka, hadoop, spark, kafka, keras, tensorflow, google colab, pytorch, anaconda

METHODOLOGIES

Methodologies

- Methodologies: scrum, XP, PU, zTUP
- Modelisation : UML, merise
- Tools: rational rose, Star uml, Ms project, gantt project
- Design Thinking

CERTIFICATIONS

Technologies web

- HTML5, CSS, JS, LARAVEL, nodejs

Programmation

- POO, VB, Python (MTA), JAVA

Others

- Network administration (MTA)
- Security fundamentals (MTA)
- Data base (MTA)
- Marketing digitale (SEO)

APPLICATIONS

ERP

- odoo, dolibare, openconcerto

CMS

- Wordpress, joomla, Magento, prestashop

Multimedia

- Adobe Photoshop
- 3ds max
- After effect
- Adobe flash

LANGUES & CENTRES D'INTÉRÊT

LANGUES

Arabic

Native

French

Fluent

English

Advanced

HOBBIES AND INTERESTS

Ethical hacking

Multimedia

Sport