



University of Sousse
Higher Institute of
Computer Science and Telecom (ISITCom)
Hammam Sousse, 4011
Tunisia

jmili_farah@yahoo.fr
Farah.jmili@isitc.u-sousse.tn
Mobile: (216) 52 539 630
<https://orcid.org/0000-0001-7511-122>

Farah Jemili, PhD

Education

- Feb 2024* National School of Computer Sciences (ENSI), University of Manouba, Tunisia
Habilitation to Direct Research (HDR), Computer Science
Manouba, Tunisia
- Jan 2005 – Dec 2009* Riadi Research Lab. at the National School of Computer Sciences (ENSI),
University of Manouba, Tunisia
PhD, Computer Sciences
Manouba, Tunisia
- Sep 2002 – Feb 2004* Riadi Research Lab. at the National School of Computer Sciences (ENSI),
University of Manouba, Tunisia
Advanced Studies, Computer Sciences
Manouba, Tunisia
- Sep 1997 – Jul 2002* National School of Computer Sciences (ENSI), University of Manouba,
Tunisia
Engineer, Computer Sciences
Manouba, Tunisia
- Sep 1990 – Jun 1997* Elite English Pioneer School, Ariana, Tunisia
Baccalaureate, Mathematics
Ariana, Tunisia

Research Experience

- Sep 2011 – present* Senior Researcher
University of Sousse, Higher Institute of Computer Science and Telecom
(ISITCom), Mars Research Lab., Hammam Sousse, Tunisia
Research in the domains of : Intrusion Detection, Artificial Intelligence, Big
Data Analysis, Cloud Computing, Distributed Systems, Blockchain
Technology
- Sep 2002 – Sep 2011* Researcher
University of Manouba, National School of Computer Sciences (ENSI), Riadi
Research Lab., Manouba, Tunisia
Research in the domains of E-Commerce (Multi-Agent Negotiations), IT
Security (Intrusion Detection & Prediction), Machine Learning, Reasoning
under Uncertainty.

Skills & Activities

<i>Skills</i>	Intrusion Detection, Artificial Intelligence, Big Data Analysis, Treatment of Uncertainties, CloudComputing, Distributed Systems, Blockchain Technology.
<i>Languages</i>	Arabic, English, French, Spanish
<i>Interests</i>	Sports, Reading, Travelling

Professional Experience

<i>Feb 2026– present</i>	NVIDIA Instructor & University Ambassador University of Sousse, Tunisia
<i>Jan 2025– present</i>	Associate Professor University of Sousse, Higher Institute of Computer Science and Telecom (ISITCom), Hammam Sousse, Tunisia.
<i>July 2025– present</i>	Scientific Reference at the Tunisian Agency for Evaluation and Accreditation of Higher Education (ATEA)
<i>Sep 2024– present</i>	Internship Director University of Sousse, Higher Institute of Computer Science and Telecom (ISITCom), Hammam Sousse, Tunisia.
<i>Sep 2021 – present</i>	Quality Committee member University of Sousse, Higher Institute of Computer Science and Telecom (ISITCom), Hammam Sousse, Tunisia.
<i>Sep 2018 – present</i>	PMO member (Project Management Office) University of Sousse, Tunisia
<i>Sep 2017 – Sep 2020</i>	Head of the department of Computer Science University of Sousse, Higher Institute of Computer Science and Telecom (ISITCom), Hammam Sousse, Tunisia.
<i>Sep 2014 – Sep 2017</i>	Coordinator of the Professional Master : Web Services & Multimedia University of Sousse, Higher Institute of Computer Science and Telecom (ISITCom), Hammam Sousse, Tunisia.
<i>Sep 2011 – Sep 2014</i>	Member of the Scientific Council University of Sousse, Higher Institute of Computer Science and Telecom (ISITCom), Hammam Sousse, Tunisia.
<i>Sep 2004 – 2024</i>	Assistant professor University of Sousse, Higher Institute of Computer Science and Telecom (ISITCom), Hammam Sousse, Tunisia.
<i>Sep 2002 – Sep 2004</i>	IT Manager Fuba Printed Circuits Tunisie SA Enterprise Bizerte, Tunisia.

Co-Chair of Special Sessions

- Co-Chair of a Special Session at the SoCPaR 2022 conference (MIR Labs, USA).
- Co-Chair of Special Sessions at the IEEE AMCAI 2023 conference.
- Co-Organizer of a Special Session on AI for Cyber Defense at the IEEE AMCAI 2023 conference (Best Session Award).
- Co-Chair of a Workshop on Digital Health (Hope'24) alongside the IEEE AICCSA 2024 conference.
- Co-Chair of Special Sessions at the IEEE AMCAI 2025 conference.

Research Articles for International Journals

- Authored over 30 Peer-Reviewed Journal Articles and 30+ International Conference Papers
- Reviewed around 200 articles submitted to prestigious journals, such as Computer Science Review, Artificial Intelligence Review, Ad Hoc Networks, Computers & Security, etc.
- Supervised over 25 Master's Theses and 5 PhD Dissertations
- Awarded Best Reviewer of the Year 2023 by the journal *Computer Systems Science and Engineering* (Q3, SCI).
- Member of the Editorial Board (Associate Editor) of the journal *Intelligent Decision Technologies* (Q3, IF 1.0, SCI).
- Member of the Editorial Board (Associate Editor) of the journal of King Saud University Computer and Information Sciences (Q1, IF 6.1, SCI)

Teaching Activities

<i>Licence Degree</i>	Web Development Tools Algorithmic & programming Data Structures UML
<i>Engineer Degree</i>	Information Systems Artificial Intelligence Advanced Artificial Intelligence: LLM Architectures, Agentic Systems, Tool Calling Deep Learning: PyTorch, Transformers, Multi-Agent AI Pipelines LLM Tooling & API Development (LangChain, LangGraph, FastAPI, Groq)
<i>Master Degree</i>	Human Machine Interface Distributed Information Systems Advanced Algorithms Artificial Intelligence Deep Learning

Supervised Research

2025	[Master] LLM-Augmented Multi-Agent Security Monitoring with LangGraph [Master] Agentic Routing for Intelligent IoT Intrusion Detection using LangChain [Phd] Intrusion detection system based on agentic ai and blockchain technology
------	---

Certifications

Feb 2026	Fundamentals of Deep Learning - Certification ID: Uwrbaidd-RqOhmfaOM7Aq7Q
Jan 2023	Certificate Lead Auditor ISO 21001 Management Systems for Educational Organizations
Oct 2022	Certificate ISO 21001 : Educational Organization Foundation Course ISO 21001 standard requirements
Oct 2019	Certificate of participation to CBHE Erasmus+ Projects Training ISO 21500 projects management
Sep 2019	Certificate of participation to Horizon 2020 Program Training
May 2019	Certificate of Participation to Marie Skłodowska-Curie Training How to write a good IF Proposal.
May 2020	Knowledge Certificate (EMORI-HORIZON2020)

Coaching a European Research and Innovation project partner

May 2020 Knowledge Certificate (EMORI-HORIZON2020)
 Managing a European Research and Innovation

July 2020 Knowledge Certificate (EMORI-HORIZON2020)
 Building a PMO unit for European Research and Innovation Projects

International Meetings

Feb 2025 SciWide Webinars
 Speaker (10th Edition of Applied Science, Engineering and Technology Virtual)

Sep 2024 V-Robot2024
 Speaker(4th Edition of Robotics and Artificial Intelligence Virtual)

March 2023 SciWide Webinars
 Speaker (8th Edition of Applied Science, Engineering and Technology Virtual)

Jan 2023 World Data Congress
 Speaker (3rd World Data Congress)

Dec 2022 Machine Intelligence Research (MIR Labs)
 Co-Chair (14th Soft Computing and Pattern Recognition)

Nov 2022 Women's Network Lecture Series
 Speaker at the Ceti of the Technical University of Dresden, Germany,

June 2022 Global Scientific Guild: Gulbarga, IN
 Speaker (4th Global Webinar on Applied Science, Engineering and Technology)

Jan 2022 Meetings International: Singapore, SG
 Speaker (International Webinar on AI and Robotics)

Dec 2021 IBM Canada: ON, CA
 Speaker (IBM Client Innovation Center)

Nov 2021 Coalesce Research Group: USA, US
 Speaker (2nd International Webinar on Big Data Analytics and Data Science)

June 2020 Scifed Group & iRobot: Toronto, CA
 Speaker (Webinar on Robot Intelligence Technology & Applications)

International Projects

ERASMUS+
 Uptakers: Upgrading Academic Skills and Innovative Capabilities Through
 Virtually Inclusive Hybrid Studios

ERASMUS+
 RANK_U: Towards Excellence & Recognition of Universities based on
 Performance Improvement

ERASMUS+
 DEEPALL: DEsign and Engineering Projects for ALL

H2020-wafS

DIDON: Open Science Hub for Doctoral Skills in Industry, Society and Innovation

Works (50 of 53)

+ Add ≡ Sort

Items per page: 50 ▼

Page 1 of 2 < >

Select all (50) Items currently selected (0)

Actions ▼

Manage similar works

Improved human activity recognition through controllable GAN-Generated synthetic data and large Language models for classification

👁 Everyone ▼

Cluster Computing

[Show more detail](#)

2025-11 | Journal article

DOI: [10.1007/s10586-025-05620-6](https://doi.org/10.1007/s10586-025-05620-6)

CONTRIBUTORS: Mohamed Hedi Djemaa; Farah Jemili; Imen Megdiche; Rafika Thabet; Elyes Lamine; Ouajdi Korbaa

Source:  Crossref



Intelligent Control Agent For IoT Network Attack Detection: A Machine Learning Approach

👁 Everyone ▼

IT Professional

[Show more detail](#)

2025-05 | Journal article

DOI: [10.1109/MITP.2025.3556242](https://doi.org/10.1109/MITP.2025.3556242)

CONTRIBUTORS: Hussam Hussein Abu Munshar; Farah Jemili; Ouajdi Korbaa; Mohammad Alauthman

Source:  Crossref



Deep learning for intrusion detection in IoT networks

👁 Everyone ▼

Peer-to-Peer Networking and Applications

[Show more detail](#)

2025-03 | Journal article

DOI: [10.1007/s12083-024-01819-3](https://doi.org/10.1007/s12083-024-01819-3)

CONTRIBUTORS: Mehdi Selem; Farah Jemili; Ouajdi Korbaa

Source:  Crossref



Detecting unknown intrusions from large heterogeneous data through ensemble learning

 Everyone ▾

Intelligent Systems with Applications

[Show more detail](#)

2025-03 | Journal article

DOI: [10.1016/j.iswa.2024.200465](https://doi.org/10.1016/j.iswa.2024.200465)

CONTRIBUTORS: Farah Jemili; Khaled Jouini; Ouajdi Korbaa

Source:  Crossref



Enhanced Human Activity Recognition Using Controllable GANs for Synthetic Data Generation

 Everyone ▾

2024-10-22 | Conference paper

[Show more detail](#)

DOI: [10.1109/AICCSA63423.2024.10912615](https://doi.org/10.1109/AICCSA63423.2024.10912615)

CONTRIBUTORS: Mohamed Hedi Djemaa; Imen Megdiche; Farah Jemili; Rafika Thabet; Elyes Lamine; Ouajdi Korbaa

Source:  Crossref



Improved Human Activity Recognition Through Controllable GAN-Generated Synthetic Data and Large Language Models for Classification

 Everyone ▾

2024-10-21 | Preprint

[Show more detail](#)

DOI: [10.22541/au.172951415.59941730/v1](https://doi.org/10.22541/au.172951415.59941730/v1)



CONTRIBUTORS: Mohamed Hedi Djemaa; Farah Jemili; Imen Megdiche; Rafika Thabet; Elyes Lamine; Ouajdi Korbaa

Source:  Crossref





Real-Time Emotion Recognition through Micro-Expression Analysis Using Deep Learning Everyone ▾

2024-10-15 | Preprint Show more detail
DOI: [10.22541/au.172900853.32574806/v1](https://doi.org/10.22541/au.172900853.32574806/v1)
CONTRIBUTORS: Hassen Margi; Farah Jemili; Ouajdi Korbaa

Source:  Crossref 



Enhancing Intrusion Detection Systems with Transformer Models Everyone ▾

2024-07-16 | Preprint Show more detail
DOI: [10.22541/au.172115419.95208695/v1](https://doi.org/10.22541/au.172115419.95208695/v1)
CONTRIBUTORS: Mohamed Amine Ouni; Farah Jemili; Ouajdi Korbaa

Source:  Crossref 



Intrusion detection based on ensemble learning for big data classification Everyone ▾

Cluster Computing Show more detail
2024-06 | Journal article
DOI: [10.1007/s10586-023-04168-7](https://doi.org/10.1007/s10586-023-04168-7)
CONTRIBUTORS: Farah Jemili; Rahma Meddeb; Ouajdi Korbaa

Source:  Crossref 

Convolutional neural network for intrusion detection using blockchain technology Everyone ▾

International Journal of Computers and Applications Show more detail
2024-02 | Journal article
DOI: [10.1080/1206212X.2023.2284443](https://doi.org/10.1080/1206212X.2023.2284443)
CONTRIBUTORS: Ahmed Aljabri; Farah Jemili; Ouajdi Korbaa

Source:  Crossref 

Intelligent intrusion detection based on fuzzy Big Data classification

Everyone ▾



Cluster Computing

2023-12 | Journal article

DOI: [10.1007/s10586-022-03769-y](https://doi.org/10.1007/s10586-022-03769-y)

CONTRIBUTORS: Farah Jemili

[Show more detail](#)

Source: Crossref Preferred source (of 3)

**Comparative Study Between Adaptative Approaches for Intrusion Detection**

Everyone ▾

2023-12-13 | Conference paper

DOI: [10.1109/AMCAI59331.2023.10431517](https://doi.org/10.1109/AMCAI59331.2023.10431517)

CONTRIBUTORS: Islem Chouchen; Farah JEMILI

[Show more detail](#)

Source: Crossref

**Intrusion detection in cyber-physical system using rsa blockchain technology**

Everyone ▾

Multimedia Tools and Applications

2023-11-02 | Journal article

DOI: [10.1007/s11042-023-17576-z](https://doi.org/10.1007/s11042-023-17576-z)

CONTRIBUTORS: Ahmed Aljabri; Farah Jemili; Ouajdi Korbaa

[Show more detail](#)

Source: Crossref

**Distributed deep learning approach for intrusion detection system in industrial control systems based on big data technique and transfer learning**

Everyone ▾

Journal of Information and Telecommunication

2023-10-02 | Journal article

DOI: [10.1080/24751839.2023.2239617](https://doi.org/10.1080/24751839.2023.2239617)

CONTRIBUTORS: Ahlem Abid; Farah Jemili; Ouajdi Korbaa

[Show more detail](#)

Source: Crossref



Towards data fusion-based big data analytics for intrusion detection 👁️ Everyone ▼

Journal of Information and Telecommunication
2023-10-02 | Journal article
DOI: [10.1080/24751839.2023.2214976](https://doi.org/10.1080/24751839.2023.2214976)
CONTRIBUTORS: Farah Jemili

Source: ✅ Crossref 🗑️

[Show more detail](#)

A deep learning-based intrusion detection approach for mobile Ad-hoc network 👁️ Everyone ▼

Soft Computing
2023-07 | Journal article
DOI: [10.1007/s00500-023-08324-4](https://doi.org/10.1007/s00500-023-08324-4)
CONTRIBUTORS: Rahma Meddeb; Farah Jemili; Bayrem Triki; Ouajdi Korbaa

Source: ✅ Crossref 🗑️

[Show more detail](#)

Real-time data fusion for intrusion detection in industrial control systems based on cloud computing and big data techniques 👁️ Everyone ▼ ✎

Cluster Computing
2023-06-24 | Journal article
DOI: [10.1007/s10586-023-04087-7](https://doi.org/10.1007/s10586-023-04087-7)
Part of ISSN: [1386-7857](https://doi.org/10.1007/s10586-023-04087-7)
Part of ISSN: [1573-7543](https://doi.org/10.1007/s10586-023-04087-7)
CONTRIBUTORS: Ahlem Abid; Farah Jemili; Ouajdi Korbaa

Source: 👤 Farah Jemili 🗑️

[Show more detail](#)

Ensemble Learning Based Big Data Classification for Intrusion Detection 👁️ Everyone ▼ ✎

International Conference on Intelligent Systems Design and Applications ISDA [Show more detail](#)
2022
2023-05-31 | Conference paper
DOI: https://doi.org/10.1007/978-3-031-27440-4_48
Part of ISBN: [978-3-031-27439-8](#)
CONTRIBUTORS: Yasmine Kamel; Farah Jemili; Rahma Meddeb

Source:  Farah Jemili



Distributed Architecture of an Intrusion Detection System in Industrial Control Systems

 Everyone ▼




2022 | Book chapter

[Show more detail](#)

DOI: [10.1007/978-3-031-16210-7_39](https://doi.org/10.1007/978-3-031-16210-7_39)

CONTRIBUTORS: Ahlem Abid; Farah Jemili; Ouajdi Korbaa

Source:  Crossref Preferred source (of 3)

A Deep Learning based Intrusion Detection Approach for MANET

 Everyone ▼

2022-08-30 | Preprint

[Show more detail](#)

DOI: [10.21203/rs.3.rs-1349334/v1](https://doi.org/10.21203/rs.3.rs-1349334/v1)

CONTRIBUTORS: Rahma Meddeb; Farah Jemili; Bayrem Triki; Ouajdi Korbaa

Source:  Crossref



A Multi-Agent-Based System for Intrusion Detection

 Everyone ▼



Smart Innovation, Systems and Technologies

[Show more detail](#)

2021 | Book

DOI: [10.1007/978-981-16-2994-5_15](https://doi.org/10.1007/978-981-16-2994-5_15)

EID: 2-s2.0-85111157042

Part of ISSN: [21903026 21903018](#)

CONTRIBUTORS: Tesnim, Y.; Farah, J.

Source:  Farah Jemili *via* Scopus - Elsevier Preferred source (of 2)

Big data processing for intrusion detection system context: A review

 Everyone ▼



Advances in Intelligent Systems and Computing[Show more detail](#)


2021 | Book

DOI: [10.1007/978-3-030-49342-4_12](https://doi.org/10.1007/978-3-030-49342-4_12)

EID: 2-s2.0-85090041138

Part of ISSN: [21945365](#) [21945357](#)

CONTRIBUTORS: Elayni, M.; Jemili, F.; Korbaa, O.; Solaiman, B.

Source:  Farah Jemili *via* Scopus - Elsevier Preferred source (of 2)**Dataset for intrusion detection in mobile ad-hoc networks** Everyone ▾**Advances in Intelligent Systems and Computing**[Show more detail](#)


2021 | Book

DOI: [10.1007/978-3-030-49342-4_3](https://doi.org/10.1007/978-3-030-49342-4_3)

EID: 2-s2.0-85090032458

Part of ISSN: [21945365](#) [21945357](#)

CONTRIBUTORS: Meddeb, R.; Triki, B.; Jemili, F.; Korbaa, O.

Source:  Farah Jemili *via* Scopus - Elsevier Preferred source (of 2)**Distributed architecture of snort IDS in cloud environment** Everyone ▾**Advances in Intelligent Systems and Computing**[Show more detail](#)

2021 | Book

DOI: [10.1007/978-3-030-49342-4_10](https://doi.org/10.1007/978-3-030-49342-4_10)

EID: 2-s2.0-85090025929

Part of ISSN: [21945365](#) [21945357](#)

CONTRIBUTORS: Essid, M.; Jemili, F.; Korbaa, O.

Source:  Farah Jemili *via* Scopus - Elsevier Preferred source (of 2)**A Deep Learning Approach for Intrusion Detection** Everyone ▾**HPCC 2021 IEEE 23rd International Conference on High Performance Computing & Communications**[Show more detail](#)

2021-12 | Conference paper

DOI: [10.1109/HPCC-DSS-SmartCity-DependSys53884.2021.00186](https://doi.org/10.1109/HPCC-DSS-SmartCity-DependSys53884.2021.00186)

CONTRIBUTORS: Roua Dhahbi; Farah Jemili

Source:  Farah Jemili

Intrusion Detection Based on Big Data Fuzzy Analytics Everyone

Open Data [IntechOpen] [Show more detail](#)
2021-11-12 | Book chapter
DOI: [10.5772/intechopen.99636](https://doi.org/10.5772/intechopen.99636)
CONTRIBUTORS: Farah Jemili; Hajer Bouras

Source: Farah Jemili

A new features vector matching for big heterogeneous data in intrusion detection context Everyone

International Conference on Advanced Technologies for Signal and Image Processing (atsip') [Show more detail](#)
2020 | Journal article
WOSUID: [WOS:000789375600029](https://www.wosid.org/WOS:000789375600029)
CONTRIBUTORS: Elayni, Marwa; Jemili, Farah; Korbaa, Ouajdi; Solaiman, Basel

Source: Web of Science Researcher Profile Sync

A new features vector matching for big heterogeneous data in intrusion detection context Everyone

2020 International Conference on Advanced Technologies for Signal and Image Processing, ATSIP 2020 [Show more detail](#)
2020 | Conference paper
DOI: [10.1109/ATSIP49331.2020.9231671](https://doi.org/10.1109/ATSIP49331.2020.9231671)
EID: 2-s2.0-85096594435
CONTRIBUTORS: Elayni, M.; Jemili, F.; Korbaa, O.; Solaiman, B.

Source: Farah Jemili *via* Scopus - Elsevier Preferred source (of 4)

Distributed Architecture of an Intrusion Detection System Based on Cloud Computing and Big Data Techniques Everyone

Smart Innovation, Systems and Technologies

[Show more detail](#)


2020 | Book

DOI: [10.1007/978-3-030-21005-2_19](https://doi.org/10.1007/978-3-030-21005-2_19)

EID: 2-s2.0-85069518595

Part of ISSN: [21903026 21903018](#)

CONTRIBUTORS: Ben Fekih, R.; Jemili, F.

Source:  Farah Jemili *via* Scopus - Elsevier Preferred source (of 2)**Intrusion Detection based on Graph oriented Big Data Analytics**

Everyone ▾



Procedia Computer Science

[Show more detail](#)


2020 | Conference paper

DOI: [10.1016/j.procs.2020.08.059](https://doi.org/10.1016/j.procs.2020.08.059)

EID: 2-s2.0-85093365997

Part of ISSN: [18770509](#)

CONTRIBUTORS: Abid, A.; Jemili, F.

Source:  Farah Jemili *via* Scopus - Elsevier Preferred source (of 3)**Uncertainty-based data collection in mobile Ad-Hoc networks**

Everyone ▾



IJCISIM 2020 International Journal of Computer Information Systems and Industrial Management Applications

[Show more detail](#)

2020 | Journal article

Part of ISSN: [21507988](#)

CONTRIBUTORS: Rahma Meddeb; Bayrem Triki; Farah Jemili; Ouajdi Korbaa

Source:  Farah Jemili**Anomaly-based Behavioral Detection in Mobile Ad-Hoc Networks**

Everyone ▾



Procedia Computer Science

[Show more detail](#)

2019 | Journal article

DOI: [10.1016/j.procs.2019.09.162](https://doi.org/10.1016/j.procs.2019.09.162)Part of ISSN: [1877-0509](#)

CONTRIBUTORS: Rahma Meddeb; Farah Jemili; Bayrem Triki; Ouajdi Korbaa

Source:  Farah Jemili *via* Crossref Metadata Search Preferred source (of 4)

Comparative study between big data analysis techniques in intrusion detection Everyone

Big Data and Cognitive Computing [Show more detail](#)
2019 | Journal article
DOI: [10.3390/bdcc3010001](https://doi.org/10.3390/bdcc3010001)
EID: 2-s2.0-85081232550
Part of ISSN: [25042289](https://www.issn.org/issn/25042289)
CONTRIBUTORS: Hafsa, M.; Jemili, F.

Source: Farah Jemili *via* Scopus - Elsevier Preferred source (of 4)

A survey of attacks in mobile ad hoc networks Everyone

Proceedings - 2017 International Conference on Engineering and MIS, ICEMIS [Show more detail](#)
2017
2018 | Conference paper
DOI: [10.1109/ICEMIS.2017.8273007](https://doi.org/10.1109/ICEMIS.2017.8273007)
EID: 2-s2.0-85050506343
CONTRIBUTORS: Meddeb, R.; Triki, B.; Jemili, F.; Korbaa, O.

Source: Farah Jemili *via* Scopus - Elsevier Preferred source (of 4)

An Effective IDS Against Routing Attacks on Mobile Ad-Hoc Networks Everyone

SOMET 2018 International Conference on Intelligent Software Methodologies, [Show more detail](#)
Tools, and Techniques
2018 | Conference paper
DOI: [10.3233/978-1-61499-900-3-201](https://doi.org/10.3233/978-1-61499-900-3-201)
CONTRIBUTORS: Rahma Meddeb; Bayrem Triki; Farah Jemili; Ouajdi Korbaa

Source: Farah Jemili

Using MongoDB databases for training and combining intrusion detection datasets Everyone

Studies in Computational Intelligence

2018 | Book


DOI: [10.1007/978-3-319-62048-0_2](https://doi.org/10.1007/978-3-319-62048-0_2)

EID: 2-s2.0-85022016944

Part of ISSN: [1860949X](https://www.elsevier.com/issn/1860949X)

CONTRIBUTORS: Elayni, M.; Jemili, F.

[Show more detail](#)

Source:  Farah Jemili *via* Scopus - Elsevier Preferred source (of 2)



A genetic-fuzzy classification approach to improve high-dimensional intrusion detection system



Everyone ▾



Advances in Intelligent Systems and Computing

2017 | Book


DOI: [10.1007/978-3-319-53480-0_32](https://doi.org/10.1007/978-3-319-53480-0_32)

EID: 2-s2.0-85014414587

Part of ISSN: [21945357](https://www.elsevier.com/issn/21945357)

CONTRIBUTORS: Gaied, I.; Jemili, F.; Korbaa, O.

[Show more detail](#)

Source:  Farah Jemili *via* Scopus - Elsevier Preferred source (of 3)



Combining intrusion detection datasets using MapReduce



Everyone ▾



2016 IEEE International Conference on Systems, Man, and Cybernetics, SMC

2016 - Conference Proceedings

2017 | Conference paper

DOI: [10.1109/SMC.2016.7844977](https://doi.org/10.1109/SMC.2016.7844977)

EID: 2-s2.0-85015767863

CONTRIBUTORS: Essid, M.; Jemili, F.

[Show more detail](#)

Source:  Farah Jemili *via* Scopus - Elsevier Preferred source (of 4)



Neuro-fuzzy and genetic-fuzzy based approaches in intrusion detection: Comparative study



Everyone ▾



2017 25th International Conference on Software, Telecommunications and Computer Networks, SoftCOM 2017

2017 | Conference paper

DOI: [10.23919/SOFTCOM.2017.8115566](https://doi.org/10.23919/SOFTCOM.2017.8115566)

EID: 2-s2.0-85041330823

CONTRIBUTORS: Gaied, I.; Jemili, F.; Korbaa, O.

[Show more detail](#)

Source:  Farah Jemili *via* Scopus - Elsevier Preferred source (of 4)

Intrusion detection based on genetic fuzzy classification system Everyone

Proceedings of IEEE/ACS International Conference on Computer Systems and Applications, AICCSA
2016 | Conference paper
DOI: [10.1109/AICCSA.2016.7945690](https://doi.org/10.1109/AICCSA.2016.7945690)
EID: 2-s2.0-85022010571
Part of ISSN: [21615330](https://www.elsevier.com/issn/21615330) [21615322](https://www.elsevier.com/issn/21615322)
CONTRIBUTORS: Belhor, M.; Jemili, F.

Source: Farah Jemili *via* Scopus - Elsevier Preferred source (of 4)

Intrusion detection based on Neuro-Fuzzy classification Everyone

Proceedings of IEEE/ACS International Conference on Computer Systems and Applications, AICCSA
2016 | Conference paper
DOI: [10.1109/AICCSA.2015.7507112](https://doi.org/10.1109/AICCSA.2015.7507112)
EID: 2-s2.0-84980324258
Part of ISSN: [21615330](https://www.elsevier.com/issn/21615330) [21615322](https://www.elsevier.com/issn/21615322)
CONTRIBUTORS: Gaied, I.; Jemili, F.; Korbaa, O.

Source: Farah Jemili *via* Scopus - Elsevier Preferred source (of 4)

Filtering intrusion detection alarms Using Ant Clustering approach Everyone

International Journal of Computer Applications [Show more detail](#)
2015-02 | Journal article
DOI: [10.5120/19754-1048](https://doi.org/10.5120/19754-1048)
CONTRIBUTORS: Salah Ghodhbani; Farah Jemili

Source: Farah Jemili

Système de Détection et de Prévision d'Intrusions Everyone

2013 | Book
 DNB: [1045199559](#)
 URN: <urn:nbn:de:101:1-201312106468>
 ISBN: 978-3-8416-2121-4
 CONTRIBUTORS: Farah Jemili

[Show more detail](#)

Source:  Farah Jemili *via* Deutsche Nationalbibliothek (DNB)




Hybrid Intrusion Detection and Prediction multiAgent System HIDPAS

 Everyone ▾

ArXiv
 2009 | Journal article
 WOSUID: [PPRN:13759290](#)
 CONTRIBUTORS: Jemili, Farah; Zaghdoud, Montaceur; Ben Ahmed, Mohamed

[Show more detail](#)

Source:  Web of Science Researcher Profile Sync



Hybrid Intrusion Detection and Prediction multiAgent System, HIDPAS

 Everyone ▾



IJCSIS 2009 International Journal of Computer Science and Information Security
 2009 | Journal article
Part of ISSN: [1738-7906](#)
 CONTRIBUTORS: Farah Jemili

[Show more detail](#)

Source:  Farah Jemili



Intrusion detection based on "hybrid" propagation in Bayesian networks

 Everyone ▾



2009 IEEE International Conference on Intelligence and Security Informatics, ISI 2009
 2009 | Conference paper
 DOI: [10.1109/ISI.2009.5137285](#)
 EID: 2-s2.0-70350044841
 CONTRIBUTORS: Jemili, F.; Zaghdoud, M.; Ahmed, M.B.

[Show more detail](#)

Source:  Farah Jemili *via* Scopus - Elsevier Preferred source (of 4)

Attack Prediction based on Hybrid propagation in Bayesian Networks Everyone

ICITST 2009 IEEE International Conference on Internet Technology and Secured Transactions [Show more detail](#)
2009-11 | Conference paper
Part of ISBN: [9781424456475](#)
CONTRIBUTORS: Farah Jemili

Source: Farah Jemili

Attack Correlation and Prediction System based on Possibilistic Networks Everyone

IADIS 2008 International Conference on Applied Computing [Show more detail](#)
2008-04 | Conference paper
Part of ISBN: [978-972-8924-56-0](#)
CONTRIBUTORS: Farah Jemili

Source: Farah Jemili


A framework for an adaptive intrusion detection system using Bayesian network Everyone

ISI 2007: 2007 IEEE Intelligence and Security Informatics [Show more detail](#)
2007 | Conference paper
DOI: [10.1109/isi.2007.379535](#)
EID: 2-s2.0-34748870795
CONTRIBUTORS: Jemili, F.; Zaghdoud, M.; Ahmed, M.B.

Source: Farah Jemili *via* Scopus - Elsevier Preferred source (of 3)

Comparative study between Bayesian network and possibilistic network in intrusion detection Everyone

Proceedings of the International Conference on Security and Cryptography (SECRYPT) [Show more detail](#)
2006 | Journal article
DOI: [10.5220/0002101200240031](#)
WOSUID: [WOS:000241938000012](#)
CONTRIBUTORS: Arfaoui, Najla; Jemili, Farah; Zaghdoud, Montaceur; Ben Ahmed, Mohamed

Source:  Web of Science Researcher Profile Sync



Items per page:


50

Page 1 of 2




Peer review (244 reviews for 62 publications/grants)

Sort

Review activity for ["**Jordanian journal of computers and information technology.**", "المجلة الأردنية للحاسوب وتكنولوجيا المعلومات"] (1)  Everyone

Review activity for **ACM computing surveys.** (2)  Everyone

Review activity for **Ad hoc networks.** (9)  Everyone

Review activity for **Ain Shams Engineering Journal** (1)  Everyone

Review activity for **Applied computing and informatics** (2)  Everyone


Review activity for **Applied soft computing.** (2)  Everyone















Review activity for **Array.** (2)  Everyone














Review activity for **Artificial intelligence review.** (1)  Everyone

Review activity for **Artificial intelligence review.** (1)  Everyone


Review activity for **Asian journal of economics and banking.** (1)  Everyone

Review activity for **Automatika.** (2)  Everyone


> Review activity for Cogent engineering. (1)	 Everyone ▾
> Review activity for Computer networks. (1)	 Everyone ▾
> Review activity for Computer science review. (1)	 Everyone ▾
> Review activity for Computers & electrical engineering. (3)	 Everyone ▾
> Review activity for Computers & security. (13)	 Everyone ▾
> Review activity for Computers and electronics in agriculture. (9)	 Everyone ▾
> Review activity for Computers in industry. (2)	 Everyone ▾
> Review activity for Concurrency and computation. (6)	 Everyone ▾
> Review activity for Connection science. (5)	 Everyone ▾
> Review activity for Digital twin. (1)	 Everyone ▾
> Review activity for Electronics letters. (1)	 Everyone ▾
> Review activity for Engineering applications of artificial intelligence. (3)	 Everyone ▾
> Review activity for Evolving systems. (4)	 Everyone ▾
> Review activity for Expert systems with applications. (5)	 Everyone ▾

> Review activity for Heliyon. (1)	 Everyone ▾
> Review activity for IEEE access : (7)	 Everyone ▾
> Review activity for IEEE internet of things journal. (2)	 Everyone ▾
> Review activity for IEEE networking letters. (1)	 Everyone ▾
> Review activity for IEEE transactions on consumer electronics. (2)	 Everyone ▾
> Review activity for IEEE transactions on industrial informatics. (2)	 Everyone ▾
> Review activity for Information security journal. (7)	 Everyone ▾
> Review activity for Intelligent systems with applications. (15)	 Everyone ▾
> Review activity for International journal of critical infrastructure protection. (12)	 Everyone ▾
> Review activity for International journal of Digital Earth. (1)	 Everyone ▾
> Review activity for International journal of fuzzy systems. (7)	 Everyone ▾
> Review activity for International journal of information technology & decision making. (1)	 Everyone ▾
> Review activity for International journal of pattern recognition and artificial intelligence. (4)	 Everyone ▾
> Review activity for International journal of pervasive computing and communications. (2)	 Everyone ▾

> Review activity for **Internet of things.** (4)

 Everyone ▾

> Review activity for **Journal of cybersecurity and privacy.** (2)

 Everyone ▾

> Review activity for **Journal of engineering.** (1)

 Everyone ▾

> Review activity for **Journal of experimental & theoretical artificial intelligence.** (1)

 Everyone ▾

> Review activity for **Journal of information security and applications.** (8)

 Everyone ▾

> Review activity for **Journal of intelligent manufacturing.** (14)

 Everyone ▾

> Review activity for **Journal of network and computer applications.** (17)

 Everyone ▾

> Review activity for **Journal of parallel and distributed computing.** (1)

 Everyone ▾

> Review activity for **Journal of Radiation Research and Applied Sciences.** (8)

 Everyone ▾


> Review activity for **Knowledge-based systems.** (3)

 Everyone ▾

> Review activity for **Mathematics.** (6)

 Everyone ▾

> Review activity for **Measurement.** (1)










 Everyone ▾

> Review activity for **Neurocomputing.** (1)

 Everyone ▾

> Review activity for **Open research Europe.** (1)

 Everyone ▾

> Review activity for Pervasive and mobile computing. (2)	 Everyone ▼
> Review activity for PloS one. (6)	 Everyone ▼
> Review activity for Results in engineering. (1)	 Everyone ▼
> Review activity for Simulation modelling practice and theory. (2)	 Everyone ▼
> Review activity for Smart science. (1)	 Everyone ▼
> Review activity for Soft computing. (3)	 Everyone ▼
> Review activity for SoftwareX. (2)	 Everyone ▼
> Review activity for Sustainable computing. (3)	 Everyone ▼
> Review activity for Transactions on emerging telecommunications technologies. (13)	 Everyone ▼



The text of this website is published under a [CC0 license](#). ORCID™, the ORCID logo, and the iD logo are trademarks of ORCID, Inc. ORCID is registered in the US and other jurisdictions.