



Mourad Mohamed Henchiri

Lecturer

Department of Information Systems..

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Time at UoN: Since 2012

Marital Status: -..

Dr. Mourad M.H Henchiri is an active researcher and his research interests over the fields of radio transmission, software defined radio, networks security, software and web security.

Dr. Mourad M.H Henchiri has got his bachelor degree in computer science from Gafsa university, Tunisia. And his master degree in information technologies and networks administration. Then, his P.hD in computer science, major information security at the KICT college, IIUM university Malaysia.

Google



Scholar

Academic Qualifications

PhD In Computer Science, AI in Cybernetics & Cyber Security as a Major, IIUM, Malaysia,

2024

Master in Computer Science, Gafsa University, Tunisia, 2010

Research Activities

- Research Interests

Networks and Radio technology that can automatically detect available channels in a wireless spectrum using the Cognitive Radio (CR) which is an adaptive, intelligent radio transceiver

Cyber security; HMI, cryptography

Software security; programming languages predicates

Windows environment and pen testing methodologies

The spread spectrum communications systems as a mean to enhanced reliability, increased bandwidth and improved security in a wireless network

Distributed and parallel programming, as a solution to inter-system operability

Software Defined Radio

Web Security

- Conference Presentations

Artificial Intelligence Techniques in Smart Parking Systems Smart and predicting techniques, WD`19 (Dubai - April 2019), 09/04/2019

Just Enough Administration (JEA) via Sysinternals Microsoft Secured Infrastructure, ICRIET 2017 (Hyderabad - December 2017), 22/12/2017

Safe Clustering Algorithm in Vehicular Ad-hoc Networks, ICICT 12/2014, Published, University of Nizwa, Oman, 11/12/2014

Cognitive Radio for 'dedicated' traces detection, Explosives traces detection, ICAICT 04/2014, Published, ELSEVIER, 12/04/2014

- Publications

Article:

1. 2025 [Application of Dynamic Optimization for RDF Databases](#)
2. 2025 [DataIntegrityforaReinforcementLearning-BasedIndoor Drone Control in High](#)

[Network Traffic](#)

3. 2025 [Investigation of GPT-Based Tools in Preventing Plagiarism and Enhancing Research Skills for University Students with Technical English Language Challenges: An Experimental Approach to Promoting Ethical Awareness](#)
4. 2024 Innovative Remote Irrigation Model- Hyperparameters for Decision Making, IJEAIS, Vol. 8 Issue 1 January - 2024, Pages: 77-80
5. 2019 Handles for Pentesting Modern Secure Coding: bypassing mobile security
6. 2019 The Art of Anonymity: Traces Detection
7. 2019 Islam «Soluble» in Modernity and Technology
8. 2019 Digital trust: Ethics and security to strengthen «Islamization» Ethical social relationships
9. 2019 Islam in Modernity and Ethical «Secure» Technology
10. 2017 Software Engineering Security Modern Malware
11. 2017 Digital Signal Processing, Antenna architecture
12. 2017 GPS and Localization Web Services Implementation over Android Modern Satellite Navigation
13. 2016 LOAD BALANCING ALGORITHM (LBA) AS A LOCAL SPOOFING THREATS & PREVENTION SOLUTION FOR DoS AND DDoS PAQUETS
14. 2016 Sparse Matrices Technologies for APT Counter Measures
15. 2015 Cognitive Radio for 'dedicated' traces detection, Human Flesh Detection
16. 2014 An Effective Approach of Data Security for Distributed Shared Memory Multiprocessors
17. 2013 Clustering of Wireless Ad Hoc Networks: An Efficient Probabilistic Technique
18. 2010 Winsock et la communication interprocessus.

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Ref.: <https://www.unizwa.edu.om/staff/cemis/mourad>