

DR. MOHAMMED FAKHRELDIN

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PROFILE STATEMENT

Assistant Professor with 10+ years of experience in teaching courses for Computer Science on undergraduate and postgraduate studies and supervising undergraduate and graduate students.

TEACHING EXPERIENCE

- ❑ Working as Assistant Professor in **Jazan University, Jazan, K.S.A**, Since 2016, 2025.
- ❑ Working as Assistant Professor in **University Malaysia Pahang, Malaysia**, Since 2013, 2016.
- ❑ Worked as a **Lecturer** in **Sudan Technical University** Since 2005 to August 2009.

ACADEMIC DETAILS

- ❑ **PhD (in Computer Application from University Malaysia Pahang, MALAYSIA)**

ADMINISTRATIVE AND ACADEMIC RESPONSIBILITIES

Sr. No.	Responsibilities	Period
i.	Department Curriculum and Planning Development Committee	2016-Till date
ii.	Examination Committee	2016-Till date
iii.	Diploma Programs Committee	2020-Till Date

PROFESSIONAL MEMBERSHIP

- ii. Cisco Certified Network Associate (CCNA).
- ii. Microsoft Certified Systems Engineer (MCSE).
- v. Microsoft Certified Systems Manager (MCSA).
- v. Microsoft Certified Professional (MCP).

COURSES TAUGHT

Sr. No.	Course code	Course Name
i.	011 COMP 3	Programming-1
ii.	222 COMP 3	Algorithm and Data Structures 2
iii.	5** COMP 3	Digital Forensics
iv.	COMP 473	Software Requirement Engineering
v.	592 COMP	Entrepreneurship and Innovation
vi.	495 COMP 3	Final Project

RESEARCH & PUBLICATION

- 1- Mohammed Adam Ibrahim Fakharaldien, Khalid Edris, Jasni Mohamed Zain, Norrozila Sulaiman. Mapping extensible markup language document with relational database management. International Journal of Physical Science. DOI: 10.5897/IJPS12.160, Vol. 7(25), pp. 4012-4025, 29 June, 2012. 2.
- 2- Mohammed 2-Adam Ibrahim Fakheraldien and Jasni Mohamad Zain. An efficient Middleware For Storing and Querying XML Data in RDBMS. Journal of Computer Science DOI:10.3844/jcssp.2011.314.319 7, 2 ,314-319. 3.
- 3-Mohammed Adam Ibrahim Fakharaldien, Jasni Mohamed Zain , Norrozila Sulaiman. XRecursive: An Efficient Method to Store and Query XML Documents. Australian Journal of Basic and Applied Sciences, 5(12): 2910-2916. 2012.
4. Mohammed Adam Ibrahim Fakharaldien, Jasni Mohamed Zain, and Norrozila Sulaiman. XRecursive: Connecting XML with Relational Databases. International Journal of Information Retrieval Research (IJIRR). 2011.
5. Mohammed Adam Ibrahim Fakharaldien and Jasni, Mohamad Zain and Abdalla, Ahmed N. and Mohamad Fadli, Zolkipli and Ramdan, Razali (2013) Cloud Computing Model for MyGRANTs Project. In: The 3rd International Conference on Software Engineering & Computer Systems (ICSECS 2013), 20-22 August 2013
6. Khalid, Edris and Mohammed Adam Ibrahim Fakharaldien and Jasni, Mohamad Zain and Tutu Asmawaty, Abdul Kadir (2013) XML Digital Watermarking. In: 3rd International Conference on Software Engineering & Computer Systems (ICSECS - 2013), 20-22 August 2013.
7. Mohammed Adam Ibrahim Fakharaldien and Khalid, Edris and Jasni, Mohamad Zain and Norrozila, Sulaiman (2012) Efficient Algorithms to Index, Store and Query XML Documents. In: International Conference on Computational Science and Information Management (ICoCSIM), 3-5 December 2012.
8. M. A. Ibrahim Fakharaldien, Jasni Mohamed Zain, Norrozila Sulaiman, XRecursive: AStorage Method for XML Document Based on Relational Database, ICSECS, pp. 460-469, 2011.
9. M. A. Ibrahim Fakharaldien, J. M. Zain, S. Normazial Ihsan, A middleware prototype for storing and quering XML documents in RDB using XParent model mapping schema, 10.1109/ICEIE.2010.5559745, No. 2, PP. 560 – 563, 2010.

10. Mohammed Adam Ibrahim Fakhreldin, Dhanesh Solanki, Jasni Mohamed Zain, Khalid Adam, Mohamad Fadli Zolkipli, Study of security layers under attack on different layers of cloud computing, WELFINIA, 2014, (in press).
 11. Khalid Edris, Mohammed Adam Ibrahim Fakharaldien, Jasni Mohamed Zain, Tuty Asmawaty Abdul Kadir, “Robust image zero-watermarking based on Complex Zernike moment”, The 2nd International Conference on Electronic Design (ICED Malaysia 2014).
 12. Khalid Edris, Mohammed Adam Ibrahim Fakharaldien, Jasni Mohamed Zain, Tuty Asmawaty Abdul Kadir, “Reversible Watermarking Based on Sorting Prediction Scheme”, International Conference on Computer, Communication and Control Technology (I4CT Malaysia 2014).
 13. Khalid Edris, Mohammed Adam Ibrahim Fakharaldien, Jasni Mohamed Zain, Tuty Asmawaty Abdul Kadir, “Steganalysis Algorithm to Detect Edge Adaptive Least Significant Bit Matching Revisited”, IEEE Symposium on Computers & Informatics (ISCI Malaysia 2014).
 14. Mohammed Adam Ibrahim Fakharaldien, Khalid Edris, Jasni Mohamed Zain, “Review of Geometric Invariant Image Watermarking”, The 3rd International Conference on Computer Engineering and Mathematical sciences (ICCEMS Malaysia 2014).
 15. Khalid Edris, Mohammed Adam Ibrahim Fakharaldien, Jasni Mohamed Zain, Tuty Asmawaty Abdul Kadir, “Steganalysis Algorithm For Edge Adaptive Least Significant Bit Matching Revisited Detection”, Australian journal of Basic and Applied Sciences (under processing).
- 5 | P a g e 16. A.Noraziah, Muhd Azrulnizam Suna Abdullah, Nurzety A

REFREES

- 1-Prof. Jazni Mohmad Zain Position : Professor Employer Address : Faculty of Computer Systems & Software Engineering ,Universiti Malaysia Pahang (UMP) Phone : +609-5492013 Email : jasni@ump.my
- 2- Prof .Noraziah Ahmad Position : Associate Professor Employer Address : Faculty of Computer Systems & Software Engineering ,Universiti Malaysia Pahang (UMP) Phone : +609-5492121 Email : noraziah@umpedu.my
- 3-Prof. Ruzani Abuullah Arshah Position : Associate Professor Employer Address : Faculty of Computer Systems & Software Engineering ,Universiti Malaysia Pahang (UMP) Phone : +609-5492160 Email : ruzaini@ump.edu.my