



د. م. ماهر علي ابراهيم

Dr. Eng. Maher Ali Ibrahim

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Personal Information

Full Name: Maher Ali Ibrahim

Country: Syria

Place and Date of Birth: Syria – Homs 10 June 1978

Current Residency: Syria – Tartous

Languages: 1- Arabic (mother language) 2- English (professional + ability to teach in English)

Scientific Certificates

- Syria - Tishreen University – Certificate in Electricity Engineering – Electronic Engineering 2002
- India – Hamdard University – NewDelhi – Master in Information Technology Msc (IT) 2005
- India – Millia Islamia University – NewDelhi – PhD in Information Technology 2010

Job History

- Engineer at Electricity Ministry – Tartous Electricity Company – Information Technology (IT) Department From 2002 to 2010 (During That Period The Company Had Sent Me to India to Get My Master and PhD in Information Technology (IT)).
- Dr. Engineer at Interior Ministry – Informatics Section – Information Technology (IT) Department from 2010 to 2018.
- Dr. Engineer at Higher Education Ministry - Teaching Staff Member at Tartous University – Faculty of Information and Communication Technology Engineering (ICTE) – Information Technology Department (ITE) from 2018 up to date.

Administrative Experience

- Member of Administration Office of Syrian Students National Union – Indian Branch 2006.
- Administration Office President of Syrian Students National Union – Indian Branch from 2007 to the Beginning of 2009.
- Member of Administration Office of Syrian Students National Union – Indian Branch from 2009 to 2010.
- Establishing Member of Madad Culture Association.
- Member of Syrian Scientific Association for Informatics from 2022.
- Vice Dean for Administration and Students Affairs of the Faculty of Information and Communication Technology Engineering – Tartous University from 2019 up to date.

Qualifications and Skills

- **English Licenses**
 - Three Licenses in English from Inlingua Institute – NewDelhi – India – 2005

- Three Licenses in English from the Higher Institute for Languages – Tartous – Syria – 2017, 2020, 2023.
- **Computer Licenses**
 - Course in 2000 Windows Networks from Syrian Scientific Association for Informatics – Tartous – Syria 2003
 - Course in Database Administration (DBA) from Oracle Company Branch – NewDelhi – India 2005
 - Course in Oracle D2K DEVELOPER – NewDelhi – India 2007
 - Course in PHP PROGRAMMING and WEB DEVELOPMENT – NewDelhi – India 2009

Research Papers

1. Mr. Maher Ibrahim & Dr. S.A.M. Rizvi, **A Hybrid Approach for Better Utilization of Metadata Schema Registries**, *first national conference on next generation computing & information systems*, CD proceedings under Knowledge and Data Engineering section, S. No: 9, 12-13 May 2007, Model Institute of Engineering and Technology (MIET), Jammu, Kotbhalwal, India
2. Mr. Maher Ibrahim & Dr. S.A.M. Rizvi, **A Framework for Building Standard System Data Dictionary**, *proceedings of the first international conference on emerging technologies and applications in engineering technology and sciences (ICETAETS), volume 3, paper number 3*, Computer Science Department, Saurashtra University, 13-14 January, 2008. Rajkot, Gujarat, India
3. Dr. S.A.M. Rizvi & Mr. Maher Ibrahim, **The Chart Representation of the System Data Dictionary**, *invertis international journal for science and technology*, 2008
4. Mr. Maher Ibrahim & Dr. S.A.M. Rizvi, **A Metasystem Base Representation of The Standard System Data Dictionary**, *e-proceedings of the second national conference (MATEIT-2008) mathematical techniques: emerging paradigms for electronics and IT Industries, PO-27, page No: 379*, link: http://fidias.org.in/currenet_event/October%20of%202007_2008_E-PROCEEDINGS/Contents%20of%20e-proceedings.htm, September 26-28, 2008, **Abstracts** book, page No: 58, Deen Dayal Upadhyaya College, University of Delhi, New Delhi, India
5. Mr. Maher Ibrahim & Dr. S.A.M Rizvi, **An XML Schema Representation for the Standard System Data Dictionary**, an accepted paper to be presented and published in the *proceedings of the International Computer Science and Technology Conference (ICSTC)* to be held in San Diego, California, USA, June 30, July 1, 2009

٦. د. م. ماهر ابراهيم، تطوير مخطط XML لمعجم بيانات النظام القياسي، مجلة جامعة طرطوس للبحوث والدراسات العلمية، المجلد الخامس، العدد السابع، ٢٠٢١

٧. د. م. ماهر ابراهيم، د. م. ميرنا درغام، م. حسن وسوف، استخدام تقنيات البيانات الضخمة لتحسين التنبؤ بالحالة المرضية، مجلة جامعة طرطوس للبحوث والدراسات العلمية، المجلد السادس، العدد الثالث، ٢٠٢٢

٨. د. م. ماهر ابراهيم، م. نور سليمان، تقليل زمن التأخير في شبكات الحساسات اللاسلكية من خلال تخفيض درجة تعقيد خوارزمية توجيه البيانات، مجلة جامعة طرطوس للبحوث والدراسات العلمية، المجلد السادس، العدد الثالث، ٢٠٢٢

٩. د. م. ماهر ابراهيم، م. ريف جديد، تحسين نظام التوصية لدعم السياحة في المنطقة العربية بالاعتماد على الشبكات الاجتماعية، مجلة جامعة طرطوس للبحوث والدراسات العلمية، المجلد السادس، العدد السابع، ٢٠٢٢

١٠. د. م. ماهر ابراهيم، م. نغم فاضل، تحسين أداء نظام استرجاع الصور اعتماداً على المحتوى، مجلة جامعة طرطوس للبحوث والدراسات العلمية، المجلد السادس، العدد الثامن، ٢٠٢٢

١١. د. م. ماهر ابراهيم، م. ريم محمود، تحسين دقة البيانات المكتوبة باللغة العربية باستخدام تقنيات تنظيف البيانات، مجلة جامعة طرطوس للبحوث والدراسات العلمية، المجلد السادس، العدد التاسع، ٢٠٢٢

١٢. د. م. ماهر ابراهيم، د. حسن محمد وسوف، تحسين تصنيف صور الأشعة السينية للصدر للكشف عن الالتهاب الرئوي وفيروس كورونا COVID19 باستخدام التعلم العميق، مجلة جامعة البعث للعلوم الطبية والهندسية والأساسية والتطبيقية، ١٩-٦-٢٠٢٣

Universities Job History

I Have Taught Various Materials at the Following Universities:

- Al Wadi Private International University for Science and Technology - Informatics Engineering Department from 2010 to 2011
 - Database 1
 - Database 2
 - Information Retrieval
- Al Asaad Academy for Engineering - Informatics Engineering College from 2012 to 2018
 - Information Systems
 - Data Mining
 - Database 1
 - Database 2
 - Software Engineering
 - Informatic 1
 - Informatic 2 (turbo pascal)
 - Electronic Circuits
 - Electronic Engineering
 - English language
 - Graduation Projects Guidance for Bachelor and Master Students
- Tartous University – College of Information and Communication Technology Engineering – Information Technology Department (Full Time Teaching Staff Member) from 2018 up to Date
 - Database 2
 - Data Mining
 - Software Engineering 2
 - Web Programming
 - Object Oriented Programming
 - Information Systems Management
 - Selected Topics (Systems Analysis and Design + Information Retrieval)
 - Computer Graphics Systems
 - Network Programming
 - Neural Networks
 - Graduation Projects Guidance for Bachelor and Master Students and Projects Guidance for Fourth Year Students
 - Web Engineering (Master of Information Technology)
 - Content Management Systems (Master of Information Technology)
 - Advanced Information Retrieval (Master of Information Technology)
 - Big Data and Cloud Computing (Master of Information Technology)
- Tishreen University – College of Informatics Engineering – Software Engineering Department from 2019 up to Date
 - Financial and Management Systems Analysis
 - Database 2
 - Advanced Database
 - Information Systems Engineering