

Dr. Muna Dawood Sallal

PhD in Machine Learning (2016) - UK

Diploma Certificate in Global Leaders (2015) - UK

MSc in Forensic Computing (2010) - UK

Contact Details:

Tel (Home): +964 (0)7814202490 (Watsapp + Viber)

Mobile: +964 (0) 7814202490 (IRAQ)

+44 (0) 7786518610 (UK) (Watsapp + Viber)

Email: mona27793@gmail.com

G-Scholar: https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=Muna+Alsallal&btnG=

ResearchGate: https://www.researchgate.net/profile/Muna_Alsallal2

During my PhD time and beyond, two novel approaches to address the authorship challenges was developed. The approaches are based on a group of well-known machine learning techniques and adapted data driven methodology. Our findings revealed that the proposed components integration outperformed the current research applications.

In order to expand our research area and enhance our knowledge we successfully engaged with pharmaceutical research sector to employ features engineering process that relied on well-designed ML approach in order to detect counterfeit medicine. This project is ongoing in collaboration with the University of East London (UEL)/ UK.

Employment History

Post Title: Senior Lecturer

Name and Address: Al-Furat Al-Awsat Technical University (ATU) / Iraq

Date of Commencement: 23/10/2019- till now

End date (if applicable):

Reason for Leaving (if applicable):

Post Title: Associate Dean for Scientific Affairs (AD-SA)

Name and Address: Al-Furat Al-Awsat Technical University (ATU) / Iraq

Date of Commencement: 31/08/2017- till now

End date (if applicable):

Reason for Leaving (if applicable): Going through lecturing environment

Post Title: Lecturer

Name and Address: ATU Technical University

Date of Commencement: 14/11/2016

End date (if applicable): 30/08/2017

Reason for Leaving (if applicable): Promoting to be as Associate Dean for Scientific Affairs

Post Title: Lecturer

Name and Address: Faculty of Engineering and Computing/CU/UK

Date of Commencement: 01/08/2013

End date (if applicable): 03/08/2015

Reason for Leaving (if applicable): New post

Post Title: Lecturer assistant

Name and Address: Faculty of Engineering and Computing/Coventry University/UK

Date of Commencement: 01/08/2012

End date (if applicable): 01/08/2013

Reason for Leaving (if applicable): Upgrade to be lecturer

Post Title: Part time Research assistant (specific project)

Name and Address: Aberdeen University/UK

Date of Commencement: 21/08/2015

End date (if applicable): 23/03/2016

Reason for Leaving (if applicable): Prepare to finalise my PhD procedure

Post Title: Intercultural Lead Ambassador- Middle East

Name and Address: Centre for Global Engagement, Coventry University/UK

Date of Commencement: 01/02/2012

End date (if applicable): 01/10/2016

Reason for Leaving (if applicable): Promoting to a new position

Post Title: International Scholarships Advisor

Name and Address: Provincial Reconstruction Teams in Iraq and USAID / Iraq

Date of Commencement: 05/02/2010

End date (if applicable): 05/08/2011

Reason for Leaving (if applicable): Upgrading

Job details: As one of first successful graduates of the large Iraqi's governmental scholarship programme, I was worked to encourage students to further their postgraduate studies. The project was managed by USAID and Provincial Reconstruction Teams in Iraq and was funded by USA and UN. It aims to enhance Iraqi Higher Education system in Iraq by engaging graduates with recognised academic organisations such as British Council, Fulbright and DAAD programmes.

Post Title: IT specialist advisor for E-Government project

Name and Address: Provincial Reconstruction Teams in Iraq (PRT) and Italian Government/Iraq

Date of Commencement: 05/08/2009

End date (if applicable): 05/06/2010

Reason for Leaving (if applicable): The Project Stopped due to the political conflicts.

Job details: Submitting technical assessment reports to the Italian's government representative of the project of e-Government. This project was considered to be the first e-Government project in Iraq that was launched with the assistance of the Government of Italy.

Educational Background

Level: PhD in Machine Learning

Field of Study: Artificial Intelligence

Major: Data Mining, NLP, IR, Business Intelligence

Location: UK

Level: Diploma in Global Leaders Programme

Field of Study: Human Development

Location: UK

Level: MSc in E-Government Applications

Field of Study: Forensic Computing

Major: Cyber Security

Location: UK

Level: BSc IT for Management

Field of Study: Computer Engineering

Major: General

Location: Iraq

Award/Competition

1. Winner of the EC/Coventry University Business Plan Simulation Prize
2. Winner as a team member for Green Technology innovation project Prize
3. Best paper award In Plagiarism beyond Europe Conference (2013)
4. Patent draft for distinction approach outcomes of PhD project

Professional Memberships

Professional member in IEEE

Professional member in BCS (British Computing Society)

Professional membership in The Institution of Electrical Engineers (IEE)

IEEE CIS Women in Computational Intelligence membership

Management Skills

Adaptable

Communication Skills

Reliable and Resilient

Organised

Team Leader

Most computer skills

Patient

Open for new skills

Scientific Skills

Tensorflow

Python
C++
Data Analysis
R
Machine Learning Algorithms (Professional)
Deep Learning Algorithms (Intermediate)
Information Retrieval algorithms
Higher Education
Research

Languages

Language: Arabic (mother tongue)
Language: English (Fluent)

Training and Development Courses

Learning event title: **Global Developing and Marketing in developed countries**
Learning start date: 29/09/2014
Learning end date: 09/02/2015

Learning event title: **Global Leadership Program**
Learning start date: 06/02/2013
Learning end date: 15/05/2014

Learning event title: **Statistics in R**
Learning start date: 08/04/2014
Learning end date: 06/05/2014

Learning event title: **How to Publish**
Learning start date: 28/09/2013
Learning end date: 10/02/2014

Learning event title: **Communication and ME**
Learning start date: 28/09/2013
Learning end date: 04/02/2014

Learning event title: **Global Developing and Marketing in less developing countries**
Learning start date: 01/10/2012
Learning end date: 13/02/2013

Learning event title: **Project Management**
Learning start date: 07/03/2012
Learning end date: 14/03/2012

Wide range courses in different discipline

Publications

Hafidh, R., Sharif, M.S. and Alsallal, M., 2019, August. Smart Holistic Model for Children and Youth with Special Educational Needs and Disabilities. In *2019 International Conference on Computing, Electronics & Communications Engineering (iCCECE)* (pp. 130-135). IEEE.

Alsallal, M Iqbal, R., Amin, S. and James, A. And Vasile Palad.,2019. Extrinsic Authorship Model Validated using Unmasking, *Journal of machine learning*. (Pending)

Alsallal, M., Sharif, M.S., Hadi, B. and Albadry, R., 2019. Decision support detection system for lung nodule abnormalities based on machine learning algorithms. *Journal of Contemporary Medical Sciences*, 5(3).

AlSallal, M., Iqbal, R., Palade, V., Amin, S. and Chang, V., 2018. An integrated approach for intrinsic plagiarism detection. *Future Generation Computer Systems*. Elsevier

Alsallal, M., Sharif, M.S., Al-Ghzawi, B. and al Mutoki, S.M.M., 2018, August. A Machine Learning Technique to Detect Counterfeit Medicine Based on X-Ray Fluorescence Analyser. In 2018 International Conference on Computing, Electronics & Communications Engineering (iCCECE) (pp. 118-122). IEEE.

Sharif, M.S., Alsallal, M. and Herghelegiu, L., 2018, August. An Effective TeleHealth Assistive System to Support Senior Citizen at Home or Care-Homes. In *2018 International Conference on Computing, Electronics & Communications Engineering (iCCECE)* (pp. 113-117). IEEE.

AlSallal, M., Iqbal, R., Palade, V., Amin, S. and Chang, V., 2017. An integrated approach for intrinsic a

AlSallal, M., Iqbal, R., Amin, S., James, A. and Palade, V., 2016, August. An Integrated Machine Learning Approach for Extrinsic Plagiarism Detection. In *Developments in eSystems Engineering (DeSE), 2016 9th International Conference on*(pp. 203-208). IEEE.

Alsallal, M., 2016. *A Machine Learning Approach for Plagiarism Detection* (Doctoral dissertation, Coventry University).

Alsallal, M., Iqbal, R., Amin, S. and James, A., 2013. Intrinsic Plagiarism Detection Using Latent Semantic Indexing and Stylometry. In *Developments in eSystems Engineering (DeSE), 2013 Sixth International Conference on* (pp. 145-150). IEEE.

Alsallal, M. and Iqbal, R., 2012. An Approach to Detect Illegal Similarity in Research Literature Using Latent Semantic Indexing. In: *PLAGIARISM ACROSS EUROPE AND BEYOND*. [online] Brno: ACM, p.93. Available at: <https://plagiarism.pefka.mendelu.cz/files/proceedings.pdf>

Alsallal, M , Phil Lovett., 2009 E-government: The case of Iraq

Muna D, 2009. Optimizing search engines. In *Proceedings of the eighth ACM SIGKDD international conference on Knowledge discovery and data mining* (pp. 133-142).