



السيرة الذاتية للدكتور يوسف احمد الحاج سلطان الارياني

البيانات باللغة الإنجليزية		البيانات باللغة العربية	
<b>Personal Information</b>	Name: Yousef Ahmed Al-Haj Sultan Al-Eryani Academic Degree: Phd Specialty: AI (Machine Learning(NLP)) Faculty:Computer science Department: Computer science E-mail: <a href="mailto:yalhag@gmail.com">yalhag@gmail.com</a> <a href="mailto:yalhag@21umas.edu.ye">yalhag@21umas.edu.ye</a>	الاسم: يوسف احمد الحاج سلطان الارياني الدرجة العلمية: دكتوراة التخصص الدقيق: ذكاء اصطناعي التعلم الالي "معالجة اللغة الطبيعية" الكلية: علوم الحاسوب القسم العلمي: <a href="mailto:yalhag@21umas.edu.ye">yalhag@21umas.edu.ye</a> الايمل: <a href="mailto:yalhag@gmail.com">yalhag@gmail.com</a>	المعلومات الشخصية
<b>Academic &amp; Research websites</b>	- Google Scholar: <a href="https://scholar.google.ca/scholar?hl=en&amp;as_sdt=0%2C5&amp;q=yousif+a.Alhaj&amp;btnG=&amp;https://scholar.google.ca/citations?hl=en&amp;user">https://scholar.google.ca/scholar?hl=en&amp;as_sdt=0%2C5&amp;q=yousif+a.Alhaj&amp;btnG=&amp;https://scholar.google.ca/citations?hl=en&amp;user</a>	- Google Scholar: <a href="https://scholar.google.ca/scholar?hl=en&amp;as_sdt=0%2C5&amp;q=yousif+a.Alhaj&amp;btnG=&amp;https://scholar.google.ca/citations?hl=en&amp;user">https://scholar.google.ca/scholar?hl=en&amp;as_sdt=0%2C5&amp;q=yousif+a.Alhaj&amp;btnG=&amp;https://scholar.google.ca/citations?hl=en&amp;user</a>	المواقع الاكاديمية والبحثية
<b>Education</b>	- PhD. in Computer science. GPA: 91.53 Thesis Title: Preprocessing and Optimal Configuration for Arabic Text Classification.Wuhan, Hubei, China. 2020 - Master Degree in computer science. GPA: 91.78 Thesis Title: Cancer predication using machine learning. Wuhan, Hubei, China. Wuhan University of Technology 2016 - Bachelor Degree in engineering and	[يتم كتابة كافة الشهادات الحاصلين عليها]	التعليم



	<p>information technology Sana'a, Yemen - University of Modern Science 2009</p>		
<p><b>Personal Skills</b></p>	<p>- <b>Applications:</b> LATEX, Mendeley. -<b>Programming Languages:</b> Python, Django, Web Design (HTML and CSS,), C#, C++, Java oop , Full REST APIs, API authentication, Git. -<b>Operating Systems:</b> Linux, Windows XP, Windows 11.</p>		<p>المهارات الشخصية</p>
<p><b>Professional Experiences:</b></p>	<p>-<b>2020 – Until Now Teaching Experience</b></p> <ul style="list-style-type: none"> <li>• Teaching 1- Machine Learning with python, 2- Web design in school of computer science, Sana'a University, Yemen.</li> <li>• Teaching Web design in International University Of Technology Twintech, Yemen.</li> <li>• Teaching 1- Web design and Django in Emirates International University, Yemen.</li> <li>• Teaching 1- Python, 2- C++ in University of Modern Sciences (UMS), Yemen.</li> <li>• Teaching 1- Machine Learning, 2- Python in Saba University, Yemen.</li> <li>• Teaching 1- Python, 2- Machine Learning, 3- Data mining in Jordan Yemen University, Yemen.</li> <li>• Teaching 1-Machine Learning, 2- Python, 3- Databasel in Sana'a Community College, Yemen.</li> </ul>	<p>[يتم كتابة كافة الخبرات في كافة المجالات خلال مسيرتكم العلمية والعملية]</p>	<p>الخبرات المهنية والاكاديمية</p>



## 21 September UMAS

	<ul style="list-style-type: none"> <li>• Teaching 1-Machine Learning, 2- Python and Django, 3- Mobile Apps using KIVY and KIVYMD in University of Modern Sciences Faculty of Engineering Information Technology , Yemen.</li> <li>• Teaching 1-Systems management &amp; maintenance, 2- Machine Learning in Al-Saeeda University , Yemen.</li> <li>• Teaching Java OOP, 2- Machine Learning Modern Specialized University , Yemen.</li> <li>• Online trainer Python For robotic company based in China</li> </ul> <p><b>-2022 Until now Head of Department</b></p> <ul style="list-style-type: none"> <li>• Department of Artificial Intelligence, Modern Specialized University, Yemen, 2023 -until now.</li> <li>• Department of Cybersecurity, Al-Saeeda University, Sana'a, Yemen,2022 -until now.</li> </ul> <p><b>-2018 - until now. Academic papers reviewer</b></p> <ul style="list-style-type: none"> <li>• IEEE Access journal 2019 - present.</li> <li>• Journal of Intelligent Systems 2019 - <b>present.</b></li> </ul> <p><b>-2021 -5/2023. Software development - in Tharawat Company for Financial and Banking Systems.</b></p> <ul style="list-style-type: none"> <li>• Software development using python and django .</li> <li>• AI software development such as (Machine learning, Neutral language progressing, computer vision, APIs).</li> </ul>		
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	<ul style="list-style-type: none"> <li>• API authentication</li> </ul> <p>-2008 - 2014 IT Administrator - National Oncology Center, Sana'a Yemen.</p>		
<b>Projects</b>	<p>1-Plaint disease detection using AI 2- uncover face detection using AI 3- URL fake detection using AI</p>	<p>[يتم كتابة كافة المشاريع العلمية أو الميدانية التي تم تحقيقها خلال مسيرتكم العلمية والعملية. (إن وجدت)]</p>	<b>المشاريع المنجزة</b>
<b>Professional Affiliations</b>		<p>[يتم كتابة العضويات أو الجمعيات مع المنظمات أو المجالات العلمية ذات الصلة بمجالك. (إن وجدت)]</p>	<b>الانتماءات المهنية</b>
<b>Training Courses</b>	<p>-AI Fundamentals. -Cybersecurity essential.</p>	<p>[يتم كتابة كافة الدورات التدريبية الحاصلين عليها خلال مسيرتكم العلمية والعملية. (إن وجدت)]</p>	<b>الدورات التدريبية</b>
<b>Scientific Activities and Conferences</b>	<p>-May 2023 Workshop on master degree Course Description for Faculty of Information technology Program Al-Saeeda University, Sana'a, Yemen.</p> <p>-May 2023 Workshop on Course Description for Faculty of cybersecurity Program Al-Saeeda University, Sana'a, Yemen.</p> <p>-May 2022 Workshop on Course Description for Faculty of Artificial Intelligence Program Al-Nassar University, Sana'a, Yemen.</p> <p>-May 2022 Workshop on Qualify Engineering and Information Technology Programs for ABET Accreditation</p>	<p>[يتم كتابة كافة الندوات والمؤتمرات العلمية التي شاركتكم فيها خلال مسيرتكم العلمية. (إن وجدت)]</p>	<b>الانشطة ومؤتمرات العلمية</b>
<b>Publications</b>	<ul style="list-style-type: none"> <li>• Al-Haj, Yousif A., et al. "Smart Diagnosis System For Diabetic Retinopathy." 2023 International Conference on Artificial Intelligence Science and Applications in Industry and Society (CAISAIS). IEEE, 2023.</li> </ul>	<p>ابة كافة الأبحاث العلمية المنشورة خلال مسيرتكم العلمية]</p>	<b>الأبحاث المنشورة</b> - -



	<ul style="list-style-type: none"><li>• Hybrid Atom Search and Salp Swarm Optimization for Parameter Estimation in Solar Photovoltaic Modules <a href="https://asejournals.com/journal/index.php/AITA/article/view/10">https://asejournals.com/journal/index.php/AITA/article/view/10</a></li><li>• Exploring the Impact of Quantum Internet on Telemedicine Technology: Enhancing Healthcare Delivery, Speed, and Data Security <a href="https://asejournals.com/journal/index.php/AITA/article/view/11">https://asejournals.com/journal/index.php/AITA/article/view/11</a></li><li>• An Improved Arithmetic Optimization Algorithm with Differential Evolution and Chaotic Local Search <a href="https://asejournals.com/journal/index.php/AITA/article/view/10">https://asejournals.com/journal/index.php/AITA/article/view/10</a></li><li>• Optimal Using of Machine Learning Algorithms Hyperparameters for Diabetes Prediction <a href="https://asejournals.com/journal/index.php/AITA/article/view/11">https://asejournals.com/journal/index.php/AITA/article/view/11</a></li><li>• Smart Diagnosis System For Diabetic Retinopathy <a href="https://asejournals.com/journal/index.php/AITA/article/view/12">https://asejournals.com/journal/index.php/AITA/article/view/12</a></li><li>•</li></ul>		-
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	<ul style="list-style-type: none"><li>• Al, Yousif A., et al. . "Optimal Using of Machine Learning Algorithms Hyperparameters for Diabetes Prediction. in Al Andalus university for science and technology" . (17)2023</li><li>• Alhaj, Yousif A., et al. "A Novel Text Classification Technique Using Improved Particle Swarm Optimization: A Case Study of Arabic Language." Future Internet 14.7 2022: 194.</li><li>• Abdulsalami, A. O., Elaziz, M. A., Al Haj, Y. A., &amp; Xiong, S. 2022, August. An Improved Arithmetic Optimization Algorithm with Differential Evolution and Chaotic Local Search. In International Conference on Artificial Intelligence Science and Applications (pp. 81-96). Cham: Springer Nature Switzerland.</li><li>•Yousif A. Alhaj, Marwan M. Al-Falah, Abdullah M. Al-Arshy, Khadeja M. Al Nashad, Zain Alabedeen Ali Al Nomi, Badr A. Al Badawi and Mustafa S. Al Khayat. "An Efficient Machine Learning Algorithm for Breast Cancer Prediction". 2022:</li><li>• Alhaj YA, Al-qaness MA, Dahou A, Elaziz MA, Zhao D, Xiang J. Effects of Light Stemming on Feature Extraction and Selection for Arabic Documents Classification. InRecent Advances in</li></ul>		
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## 21 September UMAS

<p>NLP: The Case of Arabic Language 2020 (pp. 59-79). Springer, Cham.</p> <ul style="list-style-type: none"> <li>• Y. A. Alhaj, J. Xiang, D. Zhao, M. A. Al-Qaness, M. A. Elaziz, and A. Dahou, "A Study of the Effects of Stemming Strategies on Arabic Document Classification". IEEE Access, 2019. vol. 7, pp. 32664–32671.</li> <li>• Alhaj YA, Wickramaarachchi WU, Hussain A, Al-Qaness MA, Abdelaal HM. Efficient Feature Representation Based on the Effect of Words Frequency for Arabic Documents Classification. In Proceedings of the 2nd International Conference on Telecommunications and Communication Engineering 2018 Nov 28 (pp. 397-401). ACM.</li> <li>• Al-qaness MA, Abd Elaziz M, Kim S, Ewees AA, Abbasi AA, Alhaj YA, Hawbani A. Channel State Information from Pure Communication to Sense and Track Human Motion: A Survey. Sensors. 2019.</li> <li>• Alhaj YA, Al-qaness MA. "Feature Selection on Arabic Document Classification : Comparative study," Proc.15 ICIM, pp. 345–355, no. April, 2018. Jan;19(15):3329</li> <li>• Abbasi, Aaqif Afzaal, Almas Abbasi, Mohammed AA Al-qaness, Ammar Hawbani, Ahmed A. Ewees, and Yousif A. Alhaj. "Fact-Checking: Application-Awareness in Data Centre Resource Management." In Swarm Intelligence for Cloud</li> </ul>		
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## 21 September UMAS

	<p>Computing, pp. 153-164. Chapman and Hall/CRC, 2020.</p> <ul style="list-style-type: none"> <li>• WICKRAMAARACHCHI, Wiraj Udara; ALHAJ, Yousif A.; GUNESKERA, Asela. Effective PrivacyPreserving Iris Recognition. In: 2019 IEEE 4th International Conference on Image, Vision and Computing (ICIVC). IEEE, 2019. p. . 421-426 2019</li> <li>• <b>Hybrid Atom Search and Salp Swarm Optimization for Parameter Estimation in Solar Photovoltaic Modules</b></li> <li>• <b>Exploring the Impact of Quantum Internet on Telemedicine Technology: Enhancing Healthcare Delivery, Speed, and Data Security</b></li> </ul>		
<b>Scientific Conferences</b>	---	---	<b>المؤتمرات العلمية</b>