

CURRICULUM VITAE

Full Name: Omar Rahif El Koussa

Address: Kalamoun, Tripoli, North Lebanon

Email: omar.koussa@ul.edu.lb,
oe003@live.aul.edu.lb, omar.koussa@ulf.edu.lb,
omar.koussa@jinan.edu.lb

Phone: +961-6-401464

Mobile: +961-3-183688

Nationality: Lebanese. **Date of Birth:** 2/ 1 /1976

Objective	
Education	
2020	PhD, Naturel Language Processing (NLP): Computational Linguistics & Semantic Web, Jinan University Lebanon (JUL), Lebanon Arabic Title: تطبيقات اللسانيات الحاسوبية والويب الدلالي في المعاجم (معجم آلي ذكي لرواة الحديث النبوي الشريف أنموذجا) English Title: Applications of computational linguistics and the semantic web in dictionaries (a smart automatic dictionary for the narrators of the noble hadith as a model)
2017	Master, Arabic Language and Literature, Jinan University Lebanon (JUL), Lebanon
2010	Master, Computer Communication, AUL University, Lebanon
2007	B.S., Computer Communication, AUL University, Lebanon
1995	Lebanese Bac., Mathematics, Lebanon
Professional /Academic Experience	
2017 – 2018	الجامعة اللبنانية – كلية التربية – مركز الإعداد تدريب (مادة تكنولوجيا التعليم) طلاب شهادة الكفاءة الملحقين بموجب المرسوم رقم 89 تاريخ 01/02/2017
2013-2014	الجامعة اللبنانية – كلية التربية – مركز الإعداد تدريب (مادة تكنولوجيا التعليم) مدراء المدارس
2009 -2010	Hamidi Center I gave in this institute that is located in Zahrieh, Tripoli a programming course in C++.
2008-2011	Lebanese University (Institute of arts –branch 3) A computer trainer in the Lebanese University. Basically, as trainers, our role is to help the university to shift its work to be all on computers. I developed a program for the grades of the students for the Peinture department.
2005-2006	CISCO Training AUL University, Kalamoun, North Lebanon
Rank	
2023	● أستاذ مساعد في الجامعة اللبنانية
2020	● أستاذ مساعد في جامعة الجنان
Courses I have taught	
2022- Current	Lebanese University (Faculty of Sciences - B3 - Tripoli) A teacher in the Lebanese University in Tripoli (Bachelor). I give “Introduction to Computer Sciences”, “Software Engineering”, “Web Design”, “Introduction To Technologies (IT)” & “Introduction To Programming.”
2022- Current	Université Libano-Francaise (ULF) A teacher in the ULF. I give “Modélisation métiers de l’entreprise” (M.S), "Imperative Programming" (B.S), "Technology watch" & “Interface et Application Graphique” (Faculté de Génie)

2022-Current	<p>Arts, Sciences and Technology University in Lebanon (AUL) A teacher in the AUL. I give “Distributed System & network programming” (M.S), “Advanced Relational Databases and Business Intelligence” (M.S), “Data Science & Machine Learning” (M.S), “Database Systems” (B.S) & “Data Structures” (B.S), Senior Projects.</p>
2021- Current	<p>Lebanese University (Faculty of Letters and Human Sciences - B3 - Tripoli) A teacher in the Lebanese University in Tripoli (Diploma and Bachelor). I give “Statistics” (B.S), “Publication and documentation” (Diploma), “Automated processing of historical texts” (Diploma), “SPSS” (B.S)</p>
2021- 2023	<p>Lebanese University (Faculty of Letters and Human Sciences - B1 & Dean - Beirut) A teacher in the Lebanese University in Beirut (Master, Diploma and Bachelor). I give “Information Technologies and Communication” (M.S), “Documentary Informatics” (M.S), “Microsoft Office courses like Word, power point and Excel” (B.S)</p>
2020- Current	<p style="text-align: right;">(IPNET) المعهد الفني التربوي – طرابلس</p> <p>A teacher (LT) in the IPNET in Tripoli. I give a “networking” course, “XML”, “senior project LT” (Programming).</p>
2018- 2023	<p>Center for language sciences and communication (UL SLC) A teacher in the Lebanese University in Beirut. I give “Descriptive Website Analysis” (Diploma), “Flash and Directory” (Diploma), “Programming Language C#.net” (M.S), “Web Analysis & Design” (M.S), “Informatics and Methodology of Electronic Documentation” (B.S)</p>
2015- Current	<p>Jinan University A teacher in Jinan. I give programming language “Visual Programming C#.net” (B.S), “Database” (B.S), “Operating System” (B.S), “Theory of Computation” (B.S), “Data Structure” (B.S), “Web Programming” (B.S and M.S), “Management Information System” (B.S), “Java Programming” (B.S), “Artificial Intelligence” (B.S), “System Analysis and Design” (B.S), “IT” (B.S), “Intro to Programming” (B.S), “Intro To Database” (B.S).</p>
2014- 2017	<p>Beirut Arab University (BAU) A teacher lab in the Beirut Arab University. I give “programming languages” (B.S), “operating system _ Linux” (B.S), “MATLAB” Lab (B.S), “Database” (B.S), “Data Structure” (B.S) ...</p>
2013- 2015	<p>Arts, Sciences and Technology University in Lebanon (AUL) A teacher in the AUL. I give programming language “Java” (B.S), “discrete mathematics” (B.S), “Assembly language” (B.S), “Numerical Analysis” course (B.S).</p>
2011-2023	<p>Lebanese University (Faculty of Education) A teacher in the Lebanese University in Beirut. I give “Office courses like Word, power point and Excel” (B.S), “programming1 – C#.net” (B.S), “programming2 - C#.net” (B.S), “Educational Technology: Active Inspire” (B.S), “Drawing by computer” (B.S).</p>
2008 -Current	<p>Industrial Technical Institute in Tripoli A teacher (TS, LT) in the Industrial Technical Institute in Tripoli. I give programming languages and networking courses “C”, “java”, “Database”, “senior project (Networking)”, “senior project LT (Programming)”. In addition to some “Office courses like Word and Excel”.</p>

2007-2008	Statement and Nour (Bayan wa nour) I was a teacher in the (Statement and Nour) located in Akkar. I give "Math for Secondary 3".
2006-2007	House science and knowledge (Dar al elm wa lmaarifah) I was a teacher in the (House science and knowledge) located in bakhoun. I give "Math" and "physics" for Intermediate classes.
Skills	
	Power User of Web Page Design using HTML, XML, FrontPage, Json, Asp.net, Php, JavaScript. Power User of MS-Windows. Power User of Microsoft Office Programs (MS Access, Excel, Word, and Power Point) Power User of Adobe Animate, Adobe Photoshop, Macromedia Flash, Illustrator Power User of Active Inspire Power User of Programming: C, C++.net, C#.net, Java, Vb.net, Scala, Python. Power User of Database Management System: SQL, Oracle, neo4j. Power User of AI technologies, Machine Learning, NLP, Computational Linguistics, Semantic Web. Power User of Statistical Package for the Social Sciences (SPSS), Statistics.
Workshops/ Seminars	
2017 – 2018	الجامعة اللبنانية – كلية التربية – مركز الإعداد تدريب (مادة تكنولوجيا التعليم) طلاب شهادة الكفاءة الملحقين بموجب المرسوم رقم 89 تاريخ 01/02/2017 الجامعة اللبنانية – كلية التربية – مركز الإعداد تدريب (مادة تكنولوجيا التعليم) مدراء المدارس
2013-2014	
2009 -2010	
	Hamidi Center I gave in this institute that is located in Zahrieh, Tripoli a programming course in C++.
Papers/Books	
2022	The Lebanese Journal of Science & Research (LJSR), Omar Elkoussa الموافقة على نشر بحث في العدد رقم "2" باسم "التعليم عن بعد: تقنيات التعلم الآلي لفهم التقييم واستنتاجه مع أسباب التقييم السلبي"
2021	MAGHREBI, JOURNAL OF HUMAN AND SOCIAL STUDIES (CERHSO) N° 6, Ahmad Zakaria, Omar Elkoussa & Ziad Elhajj التحليل الصرفي الحاسوبي لاستخراج أفعال القول ألياً من النصوص العربية، الآيات القرآنية أنموذجاً
2021	CRESH - Université Libanaise N° 7, Omar Elkoussa & Ziad Elhajj اللسانيات الحاسوبية للتصريف الآلي للفعل الثلاثي الصحيح (http://cresh.ul.edu.lb/?page_id=1991&paper_id=119)
2019	AL-HADATHA N° 203-204, Omar Elkoussa اللسانيات الحاسوبية لإزالة الضجيج من الأسماء المُستخرجة والكشف عن المُعاصرة بين الرواة مجلة الحداثة فصلية محكمة تُعنى بقضايا التراث الشعبي والحداثة (https://alhadathamagazine.blogspot.com/2019/09/).
2018	AL JINAN JOURNAL N° 11, Omar Elkoussa, Mustafa Al-Hajj, Amani Sabra, التعرف الآلي على الأسماء المهملة والكنى المستخرجة – (أسانيد الحديث نموذجاً) Scientific Journal Published by the Jinan University, Tripoli Lebanon. Forthcoming (http://www.jinan.edu.lb/library/viewer.html?file=http://www.jinan.edu.lb/books/3ab31-jinan11.pdf).
2018	AL JINAN JOURNAL N° 10, Omar Elkoussa, Mustafa Al-Hajj, Amani Sabra, خوارزمية لاستخراج أسماء رواة الحديث النبوي ألياً اعتماداً على صيغ الإخبار في السند Scientific Journal Published by the Jinan University, Tripoli, Lebanon. Forthcoming (http://www.jinan.edu.lb/library/viewer.html?file=http://www.jinan.edu.lb/books/c9f1e-jinan10.pdf)
2018-2020	Research Advisor, University of Al-Jouf توظيف آليات الذكاء الاصطناعي لإنشاء موقع لاستخراج أسماء رواة الأحاديث النبوية الشريفة
Conferences Attended	
Date (newest on top)	Conference title – place - organizer

Supervising Master Thesis	
4/6/2023	1. Designing & building a natural Language processing model to compare the same consumer products, and choose the best depending on the ingredients and the price. (AUL, CS)
4/6/2023	2. Machine learning classification model for drugs. (AUL, CS)
4/6/2023	3. Designing & building a machine learning model to automatically identify the type of feedback on any product (negative or positive feedback) (AUL, CS)
4/6/2023	4. Designing & building a natural language processing to discover the appropriate job recruitment advertisements based on the specialization extracted automatically from the CV. (AUL, CS)
4/6/2023	5. Automatic recognition of Arabic names from literary texts using natural language processing. (AUL, CS)
2/5/2023	6. Automating Job Matching using NLP and Job Board APIS: Extracting Information from Resumes and Identifying Job Opportunities. (JUL, BIT)
2/5/2023	7. Leveraging NLP and ML for Improving Evaluation Processing in Higher Education Institutions. (JUL, BIT)
2/5/2023	8. دور الحوكمة الالكترونية في تحقيق البقطة الاستراتيجية. (جامعة الجنان، كلية إدارة الأعمال، قسم المعلوماتية إدارية)
2/5/2023	9. أثر الذكاء الاصطناعي على إدارة الموارد البشرية في كلية الحكمة الجامعة. (جامعة الجنان، كلية إدارة الأعمال، قسم المعلوماتية إدارية)
6/10/2022	10. Designing & building a software engineering model using natural language processing techniques to help those looking for the best tourist areas based on tourism reports. (IUL, CE)
6/10/2022	11. Designing & building a software engineering model using natural language processing techniques to identify accidents and their causes from news sites. (IUL, CE)
19/9/2022	12. Designing & building a product importance software engineering model based on consumption and earnings reports, using natural language processing techniques. (IUL, CE)
19/9/2022	13. Extraction & classification of information from news reports using natural language processing techniques. (IUL, CE)
19/9/2022	14. Designing & building a machine Learning model to detect and classify jobs from text on the Internet. (IUL, CE)
19/9/2022	15. Identifying causality and contributory factors of road accidents by employing natural language processing and text mining techniques. (IUL, CE) نوقشت ونالت درجة جيد
19/9/2022	16. Designing & building a natural language processing model to detect the reasons for the student's decline based on the reports of his/her teachers. (IUL, CE)
19/9/2022	17. Designing & building a machine learning model to distribute students in exam halls to ensure the smooth running of exams and reduce cheating cases. (IUL, CE)
19/9/2022	18. Designing & building a deep learning model to identify the areas and causes of oil and gas spills through written reports. (IUL, CE)
19/9/2022	19. Designing & building a natural language processing model to help not travel to unlivable areas, based on reports of epidemic areas, disturbances, or otherwise. (IUL, CE)
19/9/2022	20. Building and designing a program to automatically take the steps of bank financial transfer of clients using natural language processing. (IUL, CE)
30/11/2022	21. استخدام الذكاء الاصطناعي في التوجيه الآلي للمستثمرين الجدد في المجال التجاري في اختيار الاستثمار المناسب (جامعة الجنان، كلية إدارة الأعمال، قسم المعلوماتية إدارية)
18/11/2022	22. Fake News detection using Natural Language Processing and deep learning (ULF), It was discussed and got a very good grade.
18/11/2022	23. Development of Deep Convolutional Neural Network Techniques for Edge Detection in Images _HED implementation Focus Animal in code_ (ULF), It was discussed and got an excellent grade.
6/11/2022	24. دور نظم المعلومات الإدارية (MIS) ونظم دعم القرار (DSS) في عملية اتخاذ القرار (جامعة الجنان، كلية إدارة الأعمال، قسم المعلوماتية إدارية)
6/11/2022	25. دور نظام الإدارة الالكترونية في تحقيق الميزة التنافسية للكليات الأهلية في محافظة بابل (جامعة الجنان، كلية إدارة الأعمال، قسم المعلوماتية إدارية)
22/12/2021	26. تطبيق الذكاء الاصطناعي في التجارة الالكترونية (جامعة الجنان، كلية إدارة الأعمال، قسم المعلوماتية إدارية)
7/4/2021	27. الذكاء الصناعي للتعرف على اختصاص الأستاذ آلياً وإدارة العملية التعليمية (جامعة الجنان، كلية إدارة الأعمال، قسم المعلوماتية إدارية)
7/4/2021	28. المعالجة الآلية للغة لاستخراج المعرفة من تقييم الهيئة التعليمية للطلاب وتوجيهه آلياً للاختصاص المناسب (جامعة الجنان، كلية إدارة الأعمال، قسم المعلوماتية إدارية)
5/11/2020	29. التقييم الآلي للتعليم عن بُعد (جامعة الجنان، كلية إدارة الأعمال، قسم المعلوماتية إدارية)، نوقشت ونالت درجة ممتاز
Supervising Doctoral Thesis	
Discussions (Master & Doctoral Thesis)	
7/6/2023	1. Discussion of a master's thesis in BIT by student Rajaa Nori Hussein, entitled "IMPACT OF TECHNOLOGY AND INFORMATION SYSTEMS ON DECISION MANAGEMENT" The discussion took place on Wednesday 7/6/ 2023 at JUL (Tripoli).
20/6/2023	2. Discussion of a master's thesis in BIT by student NADIA IHSAN ABDULSAHIB NOOR, entitled "ARTIFICIAL INTELLIGENCE IMPACT ON EMPLOYEE DEVELOPMENT IN

31/5/2023	<p><i>IRAQI UNIVERSITIES: BASRAH UNIVERSITY CASE STUDY” The discussion took place on Tuesday 20/6/ 2023 at JUL (Tripoli).</i></p> <p>3. مناقشة رسالة ماجستير في المعلوماتية إدارية للطالب خليل نبيل خليل، بعنوان: "دور نظام إدارة معلومات التعليم في تطوير النظام التعليمي بمدارس أونروا لبنان". وجرى المناقشة يوم الأربعاء الواقع فيه 31/5/2023 في جامعة الجنان (طرابلس).</p>
28/2/2023	4. Discussion of a master's thesis in Computer Science by student Fouad Eddine Abdul Khaleq, entitled "Exploring Cybercrime in IoT-Based Healthcare Networks and Proposing Mitigation Methods" The discussion took place on Tuesday 2/28/ 2023 at AUL (Beirut).
28/2/2023	5. Discussion of a master's thesis in Computer Science by student Charles Saroufim, entitled "ArCar" The discussion took place on Tuesday 2/28/ 2023 at AUL (Beirut).
26/10/2021	<p>6. مناقشة رسالة ماجستير في التربية للطالب مصطفى محمد علي، بعنوان " مدى استخدام مدرسي اللغة الإنكليزية في المرحلة المتوسطة لمنصات التعليم الإلكتروني وعلاقتها بدافعية طلبتهم نحو التعلم، (دراسة ميدانية في محافظة الأنبار نموذجاً)" وجرى المناقشة يوم الثلاثاء الواقع فيه 2021/10/26 في جامعة الجنان (طرابلس).</p>
Interests	
	<p>I play different kinds of Sports. One of the best is swimming.</p> <p>Reading books and searching on the Internet is a great interest for me.</p>
References	
	And supporting documents are available upon request.