Curriculum Vitae

Assist. Prof. Nada Thanoon Ahmed

Mustansiriyah University - College of Science / **Computer sciences Department**

Email: **nada thanoon@uomustansiriyah.edu.iq**

PERSONAL SUMMARY:

M.Sc. for computer science/ Teaching in the College of Science / Computer science Department Mustansiriyah University .

Computer science / Artificial Intelligence

EDUCATION:

- M.Sc. Master of Science in Computer Science/ Mustansiriyah University/ College of Science/ Department of computer science, 2003.
- B.Sc. Computer Science/ Bagdad University - Iraq Baghdad / 1988

ACADEMIC /TEACHING EXPERIENCE:

- Demonstrator since 1988.
- Assistant Lecturer since 2003.
- Lecturer since 2011.
- Assistant Professor since 2019 and till now .
- Teaching theoretical and practical subjects of first ,second ,third and fourth, stages during the years of teaching.
- Member of discussion committees for postgraduate and Undergraduate students .

COURSES TAUGHT:

	Undergraduate		*Graduate*
1	Structured Programming in C++/Theoretical and Practical class 1	Class 1	
2	Programming Fundamentals I in C# / Theoretical and Practical	Class 1	
3	Programming Fundamentals II in C# Theoretical and Practical	Class 1	
4	Data Structure / Theoretical and Practical	Class 2	
5	Algorithm Design and analysis / Theoretical and Practical	Class 2	
6	operating System / Theoretical and Practical . . . etc	Class 4	

PROFESSIONAL AFFILIATIONS:

- Member of the committee electronic plagiarism checker
- Member of the Committee Examination .
- Member of the graduation projects Committee for years .
- Member of the Clearing Committee .
- Chair of the Committee to follow the study plan in the Department of Computer Science.
- Member of the Educational Guidance Committee.
- supervisor on a number of BSc students
- Reviewer in journals (such as Mustansiriyah's journal , IEEE , and so on)

PUPLI CATIONS:

  The graduation project was completed by fourth-year students, with **Baqer Khidhir Jawad** as the student, under the supervision of Assistant Professor Nada Thanoon Ahmed and Lecturer Basim Khudhair Abbas. The project was titled "A Platform for Controlling Student's Attendance and Lectures" for the academic year 2020-2021. It was approved by the College of Science and the Department of Computer Science for recording student absences.

- Papers.

1- **Nada Thanoon Ahmed**, Maysaa Hameed Abdulameer, Abbas Akram Khorsheed, Nadia Mahmood Hussien, Yasmin Makki Mohialden , " INTELLIGENT MOTION BLUR SYSTEM FOR SOCCER PLAYERS " , 2023 , European Journal of Interdisciplinary Research and Development , Vol.19, Pages 30-37 .

2-   Yasmin Makki Mohialden, Nadia Mahmood Hussien, **Nada Thanoon Ahmed** , " IOT-Based Document Tracking Software Development Process " , 2023 , Information Systems and eBusiness Network (ISN), SSRN, ELSEVIER.

3-   Qabas Abdal Zahraa Jabbar, Firas Ali Hashim, **Nada Thanoon Ahmed**, Nadia Mahmood Hussien, Yasmin Makki Mohialden, , " A deep learning – based technique for measuring the success of orthodontic treatment " , 2023, Journal of Advance Research in computer Science & Engineering , Vol.9, issue 1

4-   Qabas Abdal Zahraa Jabbar, Narjis Mezaal Shati, **Nada Thanoon Ahmed**, Yasmin Makki Mohialden , " Using GPU and TPU Hardware Accelerators to Develop a Cloud- Based Genetic Algorithm System " , 2023 , Lecture Notes in Electrical Engineering (International Conference on Signals, Machines, and Automation , pages   559-568 , Springer Nature Singapore)

5- **Nada Thanoon Ahmed**, Noor khalid Ibrahim, Zinah Sadeq Abduljabbar, Dina Atheer Mohammed Sadeq , " Review on crossover operators in genetic algorithm and it's applications in different fields" , 2022 , Journal Of AL-Turath University College, Vol.2, issue 32.

6- Nadia Mahmood Hussien, Yasmin Makki Mohialden, **Nada Thanoon Ahmed**, , " A smart gas leakage monitoring system for use in hospitals ",2020 , Indonesian Journal of Electrical Engineering and Computer Science (Scopus) . Vol.9, issue 2, Pages 1048-1054.

7- Esraa Jaffar Baker, Sundos Abdulameer Alazawi, **Nada Thanoon Ahmed** , " User identification system for inked fingerprint pattern based on central moments " , 2021,Indonesian Journal of Electrical Engineering and Computer Science Vol. 24, No. 2, November 2021, pp. 1149~1160 (Scopus)

8-   Naseef Husam Mohamma, **Nada Thanoon Ahmed**, Yasmin Makki Mohialden , , " Development of multiple computer-based testing system using open source programing model" , 2021, Journal of Physics: Conference Series , Published under licence by IOP Publishing Ltd

9- **Nada Thanoon Ahmed**, Yasmin Makki Mohialden, Dina Riadh Abdulrazzaq ,” A New Method for Self-Adaptation of Genetic Algorithms Operators” , 2018 , International Journal of Civil Engineering and Technology (IJCIET) Scopus , Vol.9, issue 11, Pages 1279 -1285.

10- Dina Riadh Alshibani, Narjis Mezaal Shati, **Nada Thanoon Ahmed** , (2019) , DNA Genetic Recombination based Image Encryption using Chaotic Maps , Indian Journal of Public Health Research & Development Scopus , Vol.10 , issue 6, Pages 1088-1093. (2019)

11- **Nada Thanoon Ahmed**, Narjis Mezaal Shati , (2019), “A New Method for Solving Deadlock Using Genetic Algorithms , International Journal of Advanced Research in Engineering and Technology Scopus , Vol.10, issue 1, Pages 258-267. (2019)

12- Asmaa Sadiq Abdul Jabar, Noor khalid Ibraheem, **Nada Thanoon Ahmed** ,"Satellite Images Segmentation Based on Histogram and Active Contour Algorithm" 2019, Journal of Advanced Research in Dynamical and Control Systems Scopus , Vol.11, issue 2, Pages 494-505.

13- **Nada Thanoon Ahmed** " Ethical Hacking: Kaspersky Virtual Keyboard vulnerability To kernel and user level Keylogger " ,2011 , Iraqi Journal of information technology , Vol.3, issue 2.

14- **Nada Thanoon Ahmed** , "The using of Steady State Genetic Algorithm (SSGA) with the subpopulation techniques in design and train the weights of artificial neural networks", 2008 , Al-mustansiriya Journal of Science , Vol.19, issue 2.

15- **Nada Thanoon Ahmed** , "The Genetic Algorithms by using Self-Adaptation to the Genetic factors do design and train the weights of Artificial Neural Networks" ,2008, Journal of information technology Iraqi Vol.2 No . 1 2008

16- **Nada Thanoon Ahmed** ,"Design a Genetic Algorithms that can limit an ideal adjustment standared to steady state Genetic Algorithm in discovering rules in learning Artificial Neural Network" ,2006 , Al-mustansiriya Journal of Science , Vol.17, issue 3.

17- **Nada Thanoon Ahmed** ,(2006), "Steady State Genetic Algorithms Discovers Learning Rules for competitive and feed forward Artificial Neural Networks" , 2006 , Al-mustansiriya Journal of Science , Vol.17, issue 1.

18- **Nada Thanoon Ahmed** , Mohamed El-Sherbini Ali , ''Genetic Algorithms Discover Learning Rules for Artificial Neural Networks.", National conference for intelligent systems / the Iraq in march 2003.

PROFFESSIONAL DEVELOPMENT

· **Certifications : IC3**

Workshops.

Participation in a number of workshops and courses .

Google scholar:
https://scholar.google.com/citations?view_op=list_works&hl=en&hl=en&user=jojsiGEAAAAJ

السيرة الذاتية

أ.م. ندى ذنون أحمد حسين

الجامعة المستنصرية ــ كلية العلوم ــ قسم علوم الحاسوب

Email: nada thanoon@uomustansiriyah.edu.iq

ملخص تعريفي :

ماجستير في علوم الحاسوب / تدريسية في كلية العلوم قسم علوم الحاسوب الجامعة المستنصرية .
علوم حاسبات / ذكاء اصطناعي .

الشهادات الدراسية :

- ماجستير في علوم الحاسوب / الجامعة المستنصرية / كلية العلوم / قسم علوم الحاسوب ٢٠٠٣ .
- بكالوريوس في علوم الحاسوب / جامعة بغداد / كلية العلوم / قسم علوم الحاسوب ١٩٨٨ .

الخبرة الاكاديمية والتدريس

- معيدة منذ عام ١٩٨٨
- مدرس مساعد منذ ٢٠٠٣
- مدرس منذ عام ٢٠١١
- أستاذ مساعد منذ عام ٢٠١٩ ولحد الان
- تدريس المواد النظرية والعملية للمراحل الأولى والثانية والثالثة والرابعة خلال سنوات التدريس .
- عضو في لجان مناقشة طلاب الدراسات العليا والدراسات الأولية .

المقررات الدراسية التي تم تدريسها

الدراسات العليا		الدراسات الأولية	
	Class 1	البرمجة المهيكلة بلغة C++ نظري وعملي	١
	Class 1	اساسيات برمجة ١ نظري وعملي	٢
	Class 1	اساسيات برمجة ٢ نظري وعملي	٣
	Class 2	هياكل بيانات نظري وعملي	٤
	Class 2	تصميم وتحليل الخوارزميات نظري وعملي	٥
	Class 4	نظم تشغيل نظري وعملي وغيرها من المواد الدراسية	٦

الانتساب المهني او الجمعيات

- عضو لجنة الاستلال الالكتروني .
- عضو اللجنة الامتحانية .
- عضو لجنة مشاريع تخرج طلبة المرحلة الرابعة .
- عضو لجنة المقاصة العلمية .
- رئيس لجنة متابعة الخطة الدراسية في قسم علوم الحاسوب .
- عضو لجنة الارشاد الاكاديمي .
- الاشراف على عدد من طلاب المرحلة الرابعة
- تقييم بحوث في مجلة علوم مستنصرية و.IEEE

المنشورات العلمية

مشروع تخرج لطلبة المرحلة الرابعة للطالب **باقر خضر جواد** وتحت أشراف أ.م. ندى ذنون أحمد   و م. باسم اخضير عباس   تحت عنوان

"منصة للتحكم بحضور الطلبة والمحاضرات "
للعام الدراسي ٢٠٢٠-٢٠٢١ ، والذي تم اعتماده من قبل كلية العلوم وقسم علوم الحاسوب   لتسجيل غيابات الطلبة .

• البحوث العلمية

1- **Nada Thanoon Ahmed**, Maysaa Hameed Abdulameer, Abbas Akram Khorsheed, Nadia Mahmood Hussien, Yasmin Makki Mohialden , " INTELLIGENT MOTION BLUR SYSTEM FOR SOCCER PLAYERS " , 2023 , European Journal of Interdisciplinary Research and Development , Vol.19, Pages 30-37 .

2- Yasmin Makki Mohialden, Nadia Mahmood Hussien, **Nada Thanoon Ahmed** , " IOT-Based Document Tracking Software Development Process " , 2023 , Information Systems and eBusiness Network (ISN), SSRN, ELSEVIER.

3- Qabas Abdal Zahraa Jabbar, Firas Ali Hashim, **Nada Thanoon Ahmed**, Nadia Mahmood Hussien, Yasmin Makki Mohialden, , " A deep learning – based technique for measuring the success of orthodontic treatment " , 2023, Journal of Advance Research in computer Science & Engineering , Vol.9, issue 1

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6- Nadia Mahmood Hussien, Yasmin Makki Mohialden, **Nada Thanoon Ahmed**, , " A smart gas leakage monitoring system for use in hospitals ",2020 , Indonesian Journal of Electrical Engineering and Computer Science (Scopus) . Vol.9, issue 2, Pages 1048-1054.

7- Esraa Jaffar Baker, Sundos Abdulameer Alazawi, **Nada Thanoon Ahmed** , " User identification system for inked fingerprint pattern based on central moments " , 2021,Indonesian Journal of Electrical Engineering and Computer Science Vol. 24, No. 2, November 2021, pp. 1149~1160 (Scopus)

8-   Naseef Husam Mohamma, **Nada Thanoon Ahmed**, Yasmin Makki Mohialden , , " Development of multiple computer-based testing system using open source programing model" , 2021, Journal of Physics: Conference Series , Published under licence by IOP Publishing Ltd

9- **Nada Thanoon Ahmed**, Yasmin Makki Mohialden, Dina Riadh Abdulrazzaq ," A New Method for Self-Adaptation of Genetic Algorithms Operators" , 2018 , International Journal of Civil Engineering and Technology (IJCIET) Scopus , Vol.9, issue 11, Pages 1279 -1285.

10- Dina Riadh Alshibani, Narjis Mezaal Shati, **Nada Thanoon Ahmed** , (2019) , DNA Genetic Recombination based Image Encryption using Chaotic Maps , Indian Journal of Public Health Research & Development Scopus , Vol.10 , issue 6, Pages 1088-1093. (2019)

11- **Nada Thanoon Ahmed**, Narjis Mezaal Shati , (2019), "A New Method for Solving Deadlock Using Genetic Algorithms , International Journal of Advanced Research in Engineering and Technology Scopus , Vol.10, issue 1, Pages 258-267. (2019)

12- Asmaa Sadiq Abdul Jabar, Noor khalid Ibraheem, **Nada Thanoon Ahmed** ,"Satellite Images Segmentation Based on Histogram and Active Contour Algorithm" 2019, Journal of Advanced Research in Dynamical and Control Systems Scopus , Vol.11, issue 2, Pages 494-505.

13- **Nada Thanoon Ahmed** " Ethical Hacking: Kaspersky Virtual Keyboard vulnerability To kernel and user level Keylogger " ,2011 , Iraqi Journal of information technology , Vol.3, issue 2.

14- **Nada Thanoon Ahmed** , "The using of Steady State Genetic Algorithm (SSGA) with the subpopulation techniques in design and train the weights of artificial neural networks", 2008 , Al-mustansiriya Journal of Science , Vol.19, issue 2.

15- **Nada Thanoon Ahmed** , "The Genetic Algorithms by using Self-Adaptation to the Genetic factors do design and train the weights of Artificial Neural Networks" ,2008, Journal of information

technology Iraqi Vol.2 No . 1 2008

16- **<u>Nada Thanoon Ahmed</u>** ,"Design a Genetic Algorithms that can limit an ideal adjustment standared to steady state Genetic Algorithm in discovering rules in learning Artificial Neural Network" ,2006 , Al-mustansiriya Journal of Science , Vol.17, issue 3.

17- **<u>Nada Thanoon Ahmed</u>** ,(2006), "Steady State Genetic Algorithms Discovers Learning Rules for competitive and feed forward Artificial Neural Networks" , 2006 , Al-mustansiriya Journal of Science , Vol.17, issue 1.

18- **<u>Nada Thanoon Ahmed</u>** , Mohamed El-Sherbini Ali , ''Genetic Algorithms Discover Learning Rules for Artificial Neural Networks.", National conference for intelligent systems / the Iraq in march 2003.

<u>تطوير المهارات :</u>

- **Certifications : IC3**

<u>الورش والدورات</u>

المشاركة في عدد من الورش والدورات .

Google scholar:
https://scholar.google.com/citations?view_op=list_works&hl=en&hl=en&user=jojsiGEAAAAJ