



Curriculum Vitae

- **Nam: Nasser Mahmoud Tamim**
- **Title: Assistant Prof**
- **Department: Information Technology**
- **E-mail : Nasser.Tamim@su.edu.eg**

A) Academic Qualifications:

- - Bachelor's Degree in : Computer science University: Ain Shams University Year: 1993
- - A higher Diploma in computer science University : Cairo University Year 2003:2006.
- - A higher Diploma in Operation Research and Decision support system University : Cairo University Year 2007:2009.
- - Master Degree in : Artificial Intelligent. University: Cairo University Year: 2010
- - Ph.D in Biomedical Engineering and Machine learning University: **Suez Canal University** Year 2021

Other Qualifications

A higher Diploma in Quality assurance, Ain shames university 1993-1994.

B) Academic promotions:

Assistant Lecturer, Date: 7/9/2006: 2008:

- Lecturer, Date: 2010: 2021

- Assistant Professor, Date 9-9-2011: now



C) Scientific Merit:

- Google Scholar
: https://scholar.google.com/citations?user=Z_rz4lFnz6MC&hl=en&authuser=1&oi=ao
- Scopus ID : <https://sciprofiles.com/profile/Nassertamim>
- Citations: **90** **h-index: 3** **i10-index: 2**
- ORCID: <https://orcid.org/0000-0001-8994-2077>

D) Academic Administrative Experiences:

- **Academic Advising Committee 2011—2022;** Assigning students to advisors, train newcomers to the delivery of academic advising services, prepare and distribute materials to assist advisors in providing correct information to students regarding registration procedures, academic regulations, and graduation requirements.
- **Member of the Scheduling Committee 2015—2020;** preparing the timetable of the next semester in a timely manner, considering the expected student numbers, faculty preferences, and any restrictions on faculty load, dealing with last-minute student course requests at the beginning of the semester, preparing examination timetables that distribute exams evenly through-out examination periods.
- Coordinator of the Diploma of Computer Applicate Science 2014—2022 at faculty of Information Technology, Jazan University. Member of the Quality Assurance Committee 2018—2021; Determining methods and instruments used for assessing the quality of the program, coordinating the analysis of gathered data, development of adequate corrective actions where needed, and plans for their implementation, reporting on the program's overall quality based on gathered data, preparing for external accreditation documentation, requirements and procedures, submitting report to the departme council.
- Coordinate of Innovation and entrepreneurship 2019—2022 at Jazan University.



Coordinator and Manager of Deanship of community services and the responsible linker person between the Deanship and the different faculty of the university to for gathering the advanced community services that provided by them and document and upload on the Deanship website. 2018—2021. .

- Manger of the e-learning center at jazan university 2019—2022.
- Information trainer , as a service to the community; I participated as an information trainer for some organizations, including a coach for the Saudi security sector affiliated with the Ministry of Interior to prepare them for informational office work and a trainer for Al-Tayyar companies to prepare skilled trainees in the field of information

E) Scientific Activities

1: Membership of Professional Organizations and Scientific Societies

- **A member of the Supreme Council of disciplinary Board in Sinai University 2022:2023, Kantra Branch.**
- **A member of the Research Ethics Committee at Sinai, University 2022-2023 , Kantra Branch.**
- **Scientific Research School of Egypt 2012-now.**
- **A Member of the education and training evaluation commission for the Accreditation program team for Academic Accreditation under NCAAA, KSA 2014 -2021.**

2: Training Courses/workshops:

- Computer Vision A-Z™: **Hands-On** Computer Vision , obtained on 04/21/2023, Udemy .
- The Complete **Ethical Hacking** Course: Beginner to Advanced, obtained on 03/19/2022, Udemy.
- Deep Learning A-Z™: **Hands-On Artificial Neural Networks**, obtained on 04/21/2021.
- The annual scientific Conference of the Information and Decision Support Center in cooperation with the Faculty of Economics and Political Science at Cairo University under the titled "**Economic policy making in times of heightened risk and uncertainty**", Sponsored by Cairo University, Information and Decision Support Center, January, 2024.



➤ Webinar of Economics of **Metaverse and future eyesight**. Provided by Faculty of Business Administration, Kuwait University, April 2022.

- Certificate of attendance of “**The Environmental Applications and Implications of Nanotechnology**” And “**Building Smart Roadways Through Energy Harvesting Innovation**” In The First Online Science Arab Week, provided by Imam Abdulrahman Bin Faisal University , June 2020
- Certificate of attendance of webinar **The Development and Entrepreneurship**" workshop provided by Suez Canal University, August 2021.
- E-training course titled "Information Couch skills in the **digital environment**" provided by Saudi Digital Library, November 2018.
- Certificate of attendance of webinar titles:“ **Journal Citation Reports** – Create your publication strategy" provided by Saudi Digital Library, May 2017.

3: Conferences, Seminars and Workshops:

- The annual scientific Conference of the Information and Decision Support Center in cooperation with the Faculty of Economics and Political Science at Cairo University under the titled "**Economic policy making in times of heightened risk and uncertainty**", Sponsored by Cairo University, Information and Decision Support Center, January, 2024.
- Webinar of Economics of **Metaverse and future eyesight**. provided by Faculty of Business Administration, Kuwait University, April 2022.
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- E-training course titled "Information Couch skills in the **digital environment**" provided by Saudi Digital Library, November 2018.
- Certificate of attendance of webinar titles:“ **Journal Citation Reports** – Create your publication strategy" provided by Saudi Digital Library, May 2017.
- Certificate of attendance of webinar titles: “How to Get Published - **Taylor & Francis**" provided by Saudi Digital Library, May 2017.

4: Teaching Scopes:

One of my objectives is to participate in the pedagogical success of an institution by putting my best efforts into helping students achieve their best academic performance. Furthermore,



as an Assistant Professor, I aim to learn and develop my teaching capabilities continuously. With this being said, I am confident that all these objectives can be achieved. The following is the short list of my teaching courses through my academic journey.

- Graph Theory/Network Science {2} @ King Saud University\\
- Programming Concept{5} @ king Saud, jazan, Sinai University\\
- Software Engineering {4}@ Sinai University\\
- Parallel Processing {4}@Sinai University\\
- Computer Architectures, MIPS{6}@ king Saud, jazan, Sinai University\\
- Operations Research{6}@ king Saud University\\
- Artificial Intelligent{3}ing Saud, jazan University\\
- Data Science using Python{2}; Sinai University\\
- Programming with C++ {7}; king Saud, jazan, Sinai University\\
- Programming with Python {8}\\
- Machine learning with R {10}\\
- Web Programming{6}\\
- Discrete Mathematics{1}@ King Saud University\\
- Operating Systems {2}Jazan and Sinai University\\
- Medical Information System {4} @ Jazan University\\
- System Analysis and Design Methods {7} @ jazan University\\
- Decision Support Systems } {2}@ King Saud University\\
- Multi-Objective Programming, Game Theory{11}@ Knig Saud University\\
- Probability and Statistics }{3}@ ing Saud, jazan, Sinai University\\
- {Data Base Management System} {5}@ jazan, Sinai University\\
- Operating System } {3}@ jazan, Sinai University\\
- Image Processing {2}@ king Saud University\\
- Computer organization{2} @ jazan University \\
- Deep Learning — Convolution Neural Network{3} @Jazan University\\



5: Scientific supervision number: 2 student at Cairo university and BUE respectively at master stages.

6: Awards and Certificates of Appreciation:

- **Certificates of Appreciation for the greats effort as e-learner during the corona pandemic period, Jazan university, KSA.**
- **Certificate of publication For applied science journal, MDPI.**
- **Certificate of publication For Symmetry journal, MDPI.**

7: Peer reviewing of scientific research/ Projects:

- **Symmetry/ MDPI**
- **IEEE/ Customer Number: 95421293**

8: Scientific Mission:

Scientific Mission Statement as an Assistant Professor in Computer Science and Machine Learning

1. Research Vision: Advancing Trustworthy and Adaptive Machine Learning

My research focuses on developing robust, interpretable, and ethically aligned machine learning (ML) systems. Key areas include:

- **Algorithmic Fairness and Transparency:** Designing frameworks to mitigate bias and enhance explainability in AI decision-making.
- **Adaptive Learning Systems:** Creating ML models that dynamically adjust to evolving data environments, addressing challenges like data scarcity and distribution shifts.
- **Interdisciplinary Applications:** Collaborating with domains such as healthcare and climate science to solve pressing societal problems, e.g., optimizing diagnostic tools or energy efficiency.

2. Educational Commitment: Cultivating Critical Thinkers and Innovators

I aim to bridge theory and practice through:

- **Project-Based Learning:** Integrating real-world datasets and open-source tools into curricula to foster hands-on experience.
- **Inclusive Mentorship:** Supporting underrepresented groups in CS via mentorship programs and tailored resources.
- **Emerging Topics:** Developing courses on cutting-edge areas like ethical AI and decentralized ML, preparing students for future technological landscapes.



3. Societal Impact: Promoting Responsible AI for Global Good

I prioritize the ethical implications of technology by:

- **Public Engagement:** Hosting workshops and accessible content to demystify AI's benefits and risks for non-experts.
- **Policy Advocacy:** Collaborating with policymakers to shape regulations that ensure equitable AI deployment.
- **Sustainable Innovation:** Addressing environmental impacts of ML through energy-efficient algorithms and hardware co-design.

4. Collaborative Ecosystem: Building Bridges Across Disciplines

- **Interdisciplinary Partnerships:** Partnering with experts in fields like social sciences and engineering to tackle complex challenges holistically.
- **Open Science:** Sharing code, datasets, and tools to accelerate community-driven progress.
- **Global Networks:** Engaging in conferences and consortiums to stay at the forefront of ML advancements while fostering international collaborations.

Long-Term Vision

Establish a research lab dedicated to Trustworthy AI, serving as a hub for innovation, education, and policy dialogue. By nurturing a culture of curiosity, ethics, and inclusivity, I aim to empower the next generation of technologists to create AI that benefits all of humanity.

This mission reflects my commitment to pioneering solutions that are not only technologically advanced but also socially conscious, ensuring ML serves as a force for equitable progress.

10: Consultancy Experience:

F) Scientific Publications:

-International journals

- **Tamim, N., 2025. An Intelligent Approach for Water Quality Status Classification Using Supervised Machine Learning Algorithms. Journal of Intelligent Systems and Informatics, .**
- **Tamim, N., Elshrkawey, M., & Nassar, H. (2021). Accurate diagnosis of diabetic retinopathy and glaucoma using retinal fundus images based on hybrid features and genetic algorithm. Applied Sciences, 11(13), 6178.**
- **Tamim, N., Elshrkawey, M., Abdel Azim, G., & Nassar, H. (2020). Retinal blood vessel segmentation using hybrid feature.**

G) Skills



- Language Skills: Fluent in English, French, Arabic.
- Computer Skills Excellent
- Presentation skills: Excellent
- Other skills