



Curriculum Vitae

- Name: Eman Ibrahim Salem Ali
- Title: Demonstrator
- Department: Information Systems
- E-mail: eman.ali@su.edu.eg

A) Academic Qualifications:

- Bachelor's Degree in Information Systems University: Suez Canal University Year: 2016.

B) Academic promotions:

- Demonstrator, Date: 1-10- 2017

C) Scientific Merit:

- Google Scholar: <https://scholar.google.com/citations?user=2I8bzIMAAAJ&hl=en>

D) Academic Administrative Experiences:

Actively involved in quality assurance processes, academic advising, and participation in several faculty committees, including the Standards Monitoring Committee.

E) Scientific Activities

1: Training Courses/workshops:

- Course Specification Using Microsoft Excel
- AI-Powered Assessment Strategies in Education



• Attended a series of scientific lectures delivered by Professor Ahmed Sharaf El-Din, Dean of the Faculty. The sessions addressed Bloom's Taxonomy of Cognitive Domains, explaining how to apply it in formulating learning outcomes, aligning them with educational objectives, teaching strategies, and assessment methods.

- Publishing Strategies for Journals Indexed in Scopus and Web of Science.

2: Interactive Teaching Strategies

- Applied interactive teaching strategies including group discussions, project-based learning, and role-playing.
- Integrated educational technology to enhance student engagement and participation.
- Designed classroom activities that promote critical thinking and collaboration.
- Adapted teaching methods to diverse learning styles to ensure active classroom interaction.

3: Conferences, Seminars and Workshops:

- AI-Powered Assessment Strategies in Education
- Attended a series of scientific lectures delivered by Professor Ahmed Sharaf El-Din, Dean of the Faculty. The sessions addressed Bloom's Taxonomy of Cognitive Domains, explaining how to apply it in formulating learning outcomes, aligning them with educational objectives, teaching strategies, and assessment methods.
- Publishing Strategies for Journals Indexed in Scopus and Web of Science.

4: Teaching Scopes:

- INT 461 Information Engineering
- CSW 110 Introduction to Computer & Internet Technology
- INT 1001 Information Technology
- INT 453 Digital Multimedia
- INT 351 Computer Graphics
- ISD 242 Database System
- INT 498 IT Project (1)
- INT 422 Pattern Recognitions
- ISD 100 Introduction to Systems & Informatics

5: Awards and Certificates of Appreciation:

- Ideal Demonstrator Certificate (2024–2025) - Sinai University
- 4th International Knowledge Program – 2025 - Scientific Events Gate, Malaysia

F) Scientific Publications:

-International journals



Eldin, A. S., Salem, E.I., El-Saber, N.A. et al. Objective and subjective measures for extracting interesting association rules: a survey. *Iran J Comput Sci* 9, 32 (2026). <https://doi.org/10.1007/s42044-025-00379-w>.

Eldin, A. S., Salem, E. I., Eldrandaly, K. A., & El-Saber, N. (2025). AMFUP: An Adaptive Multi-Modal Framework for Unexpected Pattern Discovery in Dynamic and Cross-Domain Environments. *International Journal of Computers and Informatics (Zagazig University)*, 8, 109-125.

E. I. Salem, A. Sharaf Eldin, K. A. Eldrandaly, and N. Elsaber, “Data mining and interesting patterns: An introduction and a brief survey,” *INAI International Scientific Journal (SISJ)*, vol. 2, no. 3, 2026, doi: 10.21608/sisj.2025.315105.1022.

G) Quality Assurance in Higher Education:

- QA Managing Positions

- Actively involved in quality assurance processes, academic advising, and participation in several faculty committees, including the Standards Monitoring Committee.

- Training Attended

- Course Specification Using Microsoft Excel
- AI-Powered Assessment Strategies in Education
- Attended a series of scientific lectures delivered by Professor Ahmed Sharaf El-Din, Dean of the Faculty. The sessions addressed Bloom’s Taxonomy of Cognitive Domains, explaining how to apply it in formulating learning outcomes, aligning them with educational objectives, teaching strategies, and assessment methods.
- Publishing Strategies for Journals Indexed in Scopus and Web of Science.

H) Skills

- Language Skills

- Arabic: Native.
- English: very good.

- Computer Skills:

- Proficient in Microsoft Office (Word, PowerPoint, Excel)
- C#, SQL, SQL Server, MySQL, HTML, CSS, JavaScript, Git, C++, Python, MATLAB, Office, UML, Algorithms, Windows Form, Machine Learning.



- Experienced in Learning Management Systems (Moodle)

- Skilled in virtual meeting tools (Zoom, MS Teams)

- Presentation skills:

- Excellent academic presentation and public speaking skills.
- Strong ability to communicate ideas clearly and effectively.
- Experienced in using interactive presentation tools.

- Other skills:

- Leadership and teamwork skills.
- Time management and organizational abilities.
- Critical thinking and problem-solving skills.