

EMAN ELNAKEEP

ASSISTANT LECTURER

Damanhur, Al-Beheira, Egypt | ✉ emanelnakeep123@gmail.com | ☎ 01032697335 / 01150249284

SUMMARY

Assistant Lecturer in Information Systems with a strong academic background and practical teaching experience in Software Engineering, Database Systems, and Business Analytics. Demonstrated ability to deliver high-quality education, manage e-learning systems, and contribute to academic research. Actively pursuing research and development in Software Engineering and Information Systems with a focus on data-driven solutions and modern software practices.

RESEARCH INTERESTS

- Software Engineering.
- Information Systems Engineering.
- IS Outsourcing Strategies.
- Data Mining & Business Analytics.
- Artificial Intelligence Applications in Information Systems.

TEACHING INTERESTS

- Software Engineering.
- Database Systems Management.
- Information Systems.
- Programming.
- Data Engineering.

EDUCATION

Master's Degree in Information Systems January 2025

Faculty of Computers and Artificial Intelligence | Cairo University.

Relevant Coursework:

- Advanced Database Systems.
- Software Engineering.
- Requirements Engineering.
- Service-Oriented Architecture.
- Advanced Data Mining.

Bachelor of Information Systems (Very Good) July 2015

Faculty of Computers and Artificial Intelligence | Suez Canal University.

Relevant Coursework:

- Data Structures & Programming.
- Database Systems.
- Artificial Intelligence.
- Data Warehouse & Data Mining.
- Web Development.
- Computer Networks.

PUBLICATIONS AND ACADEMIC PROJECTS

Publications:

- Elnakeep, E., Mazen, S., & Helal, I. (2026). Designing an Outsourcing Governance Framework for Strategic IS Management: A Systematic Literature Review Approach. *Journal of Information Systems Engineering and Business Intelligence*, 12(1), 165-181. <https://doi.org/10.20473/jisebi.12.1.165-181>

- Elnakeep, Eman & Helal, Iman & Mazen, Sherif. (2022). Models and Frameworks for IS Outsourcing Structure and Dimensions: A Holistic Study. 10.1007/978-3-030-82616-1_49.

Projects:

- Online Remote Diagnostic System.

Developed a web-based medical diagnostic system using HTML, CSS, PHP, and MySQL.

- Developed multiple academic projects using:
 - Java.
 - PHP.
 - SQL / PL-SQL.

ACADEMIC EXPERIENCE

Assistant Lecturer

January 2025 – Present

- Higher Institute of Management Sciences, Janaklees, Beheira.

Teaching Assistant

February 2018 - December 2024

- Higher Institute of Management Sciences , Janaklees, Behiera | February 2019 - until December 2024.
- High Institute For Computers and Management Information System at the First Compound, Cairol February 2018 - January 2019.

Courses Taught:

- Management Information System
- Internet and Multimedia
- Marketing and E-commerce
- Fundamentals of Structural Programming
- Microsoft office
- Database I
- Database II
- Networking
- Advanced Structural Programming
- Introduction to Computer Science
- Web Graduation Projects
- Business Analytics and Data Mining

TECHNICAL & ADMINISTRATIVE EXPERIENCE

1. **Learning Management System (LMS) Administration:** Fully managed and updated the institute's Moodle platform, overseeing course materials uploads, user authentications, and providing 24/7 technical support for faculty and students.
2. **E-Assessment & Quality Assurance:** Directed the TCEexam electronic examination system, including test design, grading configurations, and technical troubleshooting. Designed and automated quality evaluation surveys using LimeSurvey with closed-access token generation for over 1,300 students.
3. **Database Engineering:** Designed and developed a comprehensive, centralized database system for managing faculty members' data and scientific research publications.
4. **Electronic Grading Operations:** Supervised the complete electronic grading cycle, from automated optical scanning of exam papers to generating and publishing final results on the student portal.
5. **Digital Communications & Media:** Served as a key member of the Media Committee. Built and continuously maintain the institute's official website using WordPress, including content management, customization, and performance optimization. Managed the institute's social media presence (Facebook, LinkedIn) to enhance institutional branding and digital footprint.

TECHNICAL SKILLS

Programming & Web:

- C++, Java, WordPress, HTML, CSS, JavaScript, PHP.

Database:

- Oracle Developer, SQL, PL/SQL, Database Design.

Software Engineering tools

- UML.
- SDLC.
- Agile (Basic).
- System Analysis & Design.

Tools & Systems:

- Moodle LMS.
- TCExam.
- LimeSurvey.

General:

- Microsoft Office (Excel, Word, PowerPoint).

SOFT SKILLS

- Strong presentation and communication skills
- Teamwork and collaboration
- Fast learning and adaptability
- Problem-solving mindset
- Ability to work under pressure

ADDITIONAL INFORMATION

- **Languages:** Arabic, English, French.
- **Certifications:** Oracle Developer Course and English Diploma.
- **Awards/Activities:** Ideal Teaching Assistant of the Year (2025), Academic Commendation for Master's Degree Achievement (2025).
- **References:** Available upon request.