Curriculum Vitae

- Name: Asmaa Salman Ahmoud Mohammed

- Title: Demonstrator

- Department: Information Technology

- E-mail: asmaa.salman@su.edu.eg

A) Academic Qualifications:

- Bachelor's Degree in Information Technology & computer science (Network Major) University: Sinai University (Arish Branch) Year: 2017 – CGPA: 3.89/4 (Excellent with Honors)

- Master's Degree in Information Technology University: Zagazig University Year: Ongoing (from 2020)

- **Other Qualifications:** Certified CCNA Routing & Switching (Feb 2021)

B) Academic promotions:

- Demonstrator, Faculty of Information Technology & Computer Science, Sinai University
Date: (2017 – Present)

C) Scientific Merit:

- Google Scholar: Asmaa S. Ahmoud

- Orcid –N: //orcid.org/0009-0005-9543-8498

D) Academic Administrative Experiences

- Assisting in teaching undergraduate networking courses and supporting quality assurance activities.

E) Scientific Activities

1: Membership of Professional Organizations and Scientific Societies

• Member of academic and IT research communities in network engineering and AI.
• Participant in Erasmus+ international collaboration (Health Informatics Project, 2023).

2: Training Courses/workshops:

• Professional Course in Health Informatics – Erasmus+ Project (May–June 2023)
• CS50x: Introduction to Computer Science – Harvard University (Online, 2024)
• MCSA 2019 – Windows Server Administration – Microsoft
• Cisco Certified Network Associate (CCNA) Exam – Cisco (Feb 2021)
• CCNA Routing & Switching – Cisco Networking Academy (Nov 2018)
• CCNA Security – Cisco Networking Academy (Nov 2018)
• Youth Rehabilitation Training Course – Popular Defense Organizations (Feb 2019)
• Strategic Studies and National Security – Nasser Military Academy (Oct 2018)
• Crisis and Disaster Management – Nasser Military Academy (Feb 2018)

3: Conferences, Seminars and Workshops:

• Participated in departmental research seminars and student workshops at Sinai University.
• Attended training sessions on academic research writing and AI applications.

4: Teaching Scopes:

• Networking Fundamentals, IP Addressing, VLANs, Inter-VLAN Routing,
Static & Dynamic Routing (RIPv2, EIGRP, OSPF).
• LAN & WAN Technologies, Network Security, and Windows Server Administration.

5: Scientific supervision number: Not yet

6: Awards and Certificates of Appreciation:

• Certificate of Participation – Erasmus+ Project (Health Informatics, 2023)

7: Peer reviewing of scientific research/ Projects: Not yet

8: Scientific Mission:

• Member of Erasmus+ Health Informatics Project – academic collaboration with Linnaeus University, Sweden (2023).

9: Patency: None

10: Consultancy Experience:

- Provide technical consultation in networking lab setup and curriculum development.

11: Other Activities:

- Reading, Drawing, Singing, Travelling, and Volunteering in academic events.

F) Scientific Publications:

Last 10 year of published Scientific Papers

-International journals

1. A. Sharaf Eldin, A. S. Ahmoud, and H. M. Hamza, and H. Ardah, "Enhancing early detection of diabetic foot ulcers using deep neural networks," Diagnostics, vol. 15, no. 16, p. 1996, 2025, doi: 10.3390/diagnostics15161996.

- National journals

1. A. Sharaf Eldin, A. S. Ahmoud, and H. M. Hamza, "Computer-aided detection of diabetic foot via infrared imaging using machine and deep learning approaches: A survey," International Journal of Computers and Informatics (Zagazig University), vol. 7, pp. 126 155, 2025.

2. A. Sharaf Eldin, A. S. Ahmoud, and H. M. Hamza, "Skin cancer detection using deep learning with DCGAN-generated images," Sinai International Scientific Journal, 2025.

G) Quality Assurance in Higher Education:

- **Reviewer/Editor**

  None currently

- **QA Trainer**

  • Assisted in QA workshops for IT program accreditation (2024).

- **QA Managing Positions**

  • Member of the Quality Assurance Committee, Faculty of IT & CS, Sinai University.

- **Training Attended**

- • Workshop on "Quality Standards in Higher Education" – Sinai University (2023).

H) Skills

- Language Skills:

• Arabic (Native)

• English (Good – TOEFL ITP Score: 543/677)

- Computer Skills:

• Cisco Routers & Switches, VMware, GNS3, Windows Server 2019, Python, SQL, MS Office.

- Presentation skills:

• Excellent classroom communication, practical demonstrations, and research presentation skills.

- Other skills:

• Critical thinking, adaptability, teamwork, creativity, goal orientation, and research resilience.