Curriculum Vitae

- **Name: Hoda Ahmed Ahmed Kamal**

- **Title: Demonstrator**

- **Department: Computer Science**

- **E-mail: hoda.ahmed@su.edu.eg**

A) Academic Qualifications:

- Bachelor's Degree in: Computer Science   University: Suez Canal University   Year: 2023

B) Academic promotions:

- Demonstrator   Date: 17 – 2 - 2024

E) Scientific Activities

1: Membership of Professional Organizations and Scientific Societies: N/A

2: Training Courses/workshops

- Flutter Development: Professional Training, Information Technology Institute (ITI), April 2023.

- UI/UX Design: Comprehensive Course, Udemy, June 2022.

- C++ Certification: CodinGame, January 2022.

- Problem Solving (Intermediate & Basic): HackerRank Certifications, 2022 - 2024.

- Egyptian Knowledge Bank (EKB) & Research Reference Management: University Mandatory Workshop for Master's Registration, 2026.

• Scientific Writing & Avoiding Plagiarism (English): Specialized Academic Training, 2026.

3: Conferences, Seminars and Workshops:

- ECPC Finalist: Egyptian Collegiate Programming Contest, August 2022.

- ACPC Girls: International Collegiate Programming Contest (Regional level), July 2021.

- ACPC Kickoff: International Collegiate Programming Contest, June 2021.

- ECPCQ Participant: Egyptian Collegiate Programming Contest (Qualifications), 2020 & 2022.

4: Teaching Scopes:

- Image Processing
- Computer Programming 1
- Data Structure
- Operating System 2
- Introduction to Informatics

5: Scientific supervision number: N/A

6: Awards and Certificates of Appreciation:

- Finalist Certificate: ECPC 2022 Finalist, for excellence in competitive programming and algorithmic problem solving.

- Top Rank: Recognitions from ICPC regional rounds (ACPC Girls & Kickoff

7: Other Activities:

- Member of the Surveys and Data Analysis Committee: Quality Assurance Unit.

- Member of the Program Evaluation Committee (Criterion 7): Contributing to higher education quality standards

G) Quality Assurance in Higher Education:

- **QA Managing Positions**

    o **Member of the Quality Assurance Unit (Criterion 7):** Specifically focusing on program evaluation and continuous improvement.

Member of the Surveys and Data Analysis Committee: Managing the cycle of feedback from stakeholders.

H) Skills

– Language Skills:

- Arabic: Native language.
- English: Very Good

- Computer Skills:

- Programming: Python, MATLAB, and C++, C.
- AI & ML: Experience with PyTorch/TensorFlow, OpenCV, scikit-image, and Transformer models.
- Microsoft Office Suite: Advanced level in Excel, Word and PowerPoint.

- Presentation skills:

- Academic Teaching: Skilled in delivering complex technical concepts to students clearly and effectively.
- Public Speaking: Experienced in presenting academic seminars.
- Visual Communication: Expert in professional design, engaging slides and data visualizations.

- Other skills:

- Time Management: Proven ability to balance teaching responsibilities, administrative QA tasks, and Master's research.
- Teamwork: Active member of the Quality Assurance Unit and departmental committees.
- Problem-Solving: Analytical thinking applied to debugging code and optimizing computer vision algorithms.