

# Aya Kamal Fouda

Communication Engineer

## CONTACT

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## EXPERIENCE

**Teaching Assistant – Higher Institute of Engineering and Technology, New Damietta (2025 – now)**

Teaching undergraduate courses including : Logic gate Design, Programming with Java, Control System ,Engineering Probability and Statistics , Engineering Management.

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## EDUCATION

**Mansoura University , MSc (now)**

- Pre-Master's Program

**Higher Institute of Engineering and Technology in New Damietta,BSc (2025)**

- Department : communication and electronics
  - Grade : Excellent (4th rank of the faculty)
  - Bachelor of communication and electronics Engineering : Excellent
  - Graduation Project:AI-Enhanced Visual Guiding System using Chat GPT for the Visually Impaired ( Excellent)
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## RESEARCH & PUBLICATIONS

**AI-Enhanced Visual Guiding System for the Visually Impaired**

Journal of Engineering Research and Reports (JERR)

- **South City College | 2021-2025**

International Journal of Modern Engineering Research (IJMER), Vol. 15, Issue 3

- **Journal of Engineering Research and Reports**
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## COURSES & DIPLOMAS & TRAINING

### Courses

- Mobile Package, Telecom Egypt (We) — (July–August 2024)
- Artificial Intelligence, Huawei ICT Academy Egypt — (September 2024)

### Diplomas

- Mobile Application, Digital Egypt Pioneers Initiative — (June–October 2024)

### TRAINING

- Embedded Systems, IMT School — (June–August 2023)
- Internet of Things (IoT), ITI — (August 2024)

**SKILLS**

Programming and Software Development  
Effective Teamwork and Collaboration Skills  
Presentation Skills

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