

Faculty C.V.

1. **Name and date of birth**

Marwa Kandil, 23/06/1995

2. **Academic Rank**

Full-time – Teaching Assistant – Collage of Engineering and Applied Sciences

3. **Degrees**

Master of Science in Computer Engineering – Kuwait University (2019 - present)

Bachelor of Engineering in Computer Engineering – American University of Kuwait (2018)

4. **Service at this Institution**

Full-time: September 2022 – present

5. **Professional Experience**

- Lab Instructor – Part-time – Kuwait University – (Fall 2019 – Spring 2022)
- Android Developer – Part-time – Technocare Kuwait – (2019)
- Student Lab Assistant – Part-time – American University of Kuwait (Fall 2015 – Summer 2018)
- Peer Tutor – Part-time – American University of Kuwait (Fall 2015 – Summer 2018)

6. **Publications**

a) Refereed Journals.

M. Kandil, A. Kelkawi, I. Ahmad and M. Al-Failakawi, "COVID-XIX-Net: Deep learning empirical comparison between X-ray imaging and POCUS for COVID-19 detection", Journal of Engineering Research, vol. 9, no. 4, 2021.

M. Kandil, F. AlAttar, R. Al-Baghdadi and I. Damaj, "AmIE: An Ambient Intelligent Environment for Blind and Visually Impaired People", Technological Trends in Improved Mobility of the Visually Impaired, pp. 207-236, 2019.

b) Conferences

M. Khanafer, M. Kandil, R. Al-Baghdadi, A. Al-Ajmi and H. T. Mouftah, "Enhancements to IEEE 802.15.4 MAC Protocol to Support Vehicle-to-Roadside Communications in VANETs," ICC 2019 - 2019 IEEE International Conference on Communications (ICC), 2019, pp. 1-5, doi: 10.1109/ICC.2019.8761245.

M. Kandil, R. AlBaghdadi, F. AlAttar and I. Damaj, "AmIE: An Ambient Intelligent Environment for Assisted Living," 2019 Advances in Science and Engineering Technology International Conferences (ASET), 2019, pp. 1-6, doi: 10.1109/ICASET.2019.8714499.

9. **Membership in Professional Societies**

IEEE, Student membership

10. Patents, Honors and awards

Dean's Honor List (every semester from Fall 2013 until Spring 2018)

President's Honor Roll (Fall 2016 and Fall 2017)

Outstanding student award from Mathematics and Natural sciences department (2016)

11. Courses taught

a) Academic Courses

Kuwait University:

Fall 2019:

CPE 200L – Numerical Methods Lab (2 sections): 2 hours per week

CPE 201L – Object Oriented Programming Lab (1 section): 2 hours per

week

Spring 2019 – Fall 2021:

CPE 201L – Object Oriented Programming Lab (1 section): 2 hours per

week

CPE 207L – Data Structures Lab (2 sections): 2 hours per week

Spring 2022:

CPE 207L – Data Structures Lab (1 section): 2 hours per week

CPE 264L – Digital Logic Lab (2 sections): 2 hours per week