Faculty C.V.

1. **Name and date of birth**
   Aya K. Eltoukhy Rezk, 15.09.1994

2. **Academic Rank:**
   Full Time Instructional Assistant – Engineering Lab

3. **Degrees**

   (a) Master of Science in Computer Engineering, Kuwait University, 06.2021
   (b) Bachelor of Engineering in Computer Engineering, American University of Kuwait, 05.2017

4. **Service at this Institution**

   (a) Number of years: 2 years
   (b) Date of appointment: 01.09.2021

5. **Professional Experience** *(Related experience in other institutions: include locations and dates.)*
   (a) Diyar United Company: Service Desk Employee, Kuwait City, 10.2017 to 07.2018
   (b) Kuwait University: Research Assistant, Kuwait, 08.2018 to 04.2019
   (c) Kuwait Technical College, Kuwait, 08.2018 to 08.2021

6. **Consulting Experience**   None

7. **Professional Registration**   None

8. **Publications**

   Abeer Imdoukh, Ahmed Shaker, Aya Al-Toukhy, Darin Kablaoui, and Mohammed El-Abd. "Semi-autonomous indoor firefighting UAV". In the 18th International Conference on Advanced Robotics, pp.310-315, 2017.

9. **Membership in Professional Societies**
   IEEE membership - student member, 4 years

10. **Patents, Honors and awards**

   (a) *ITTPC Certification:* International Tutor Training Program Certification, provided by College of Reading and Learning Association (CRLA) which sets an international standard of skills and training for tutors. 2017
   (b) *ITIL Certification:* Information Technology Infrastructure Library (ITIL) is a set of detailed practices for IT service management (ITSM) that focuses on aligning IT services with the needs of business.

11.   <u>Courses taught</u>
   a) <u>Academic Courses</u>
   Kuwait Technical College:
   Fall 2019:
   FEM0-M: Foundational Math (3 sections): 4 hours per week
   FEM0-IT: Foundational IT (3 sections): 4 hours per week
   Spring 2020:
   IST101 – PC Software (3 sections): 4 hours per week
   IST102 – PC Hardware (2 sections): 4 hours per week
   IST104L – Windows Client Operating Systems (2 sections): 2 hours per week
   IST125 – Introduction to Programming Using C l (2 sections): 2 hours per week
   Fall 2020
   IST101 – PC Software (1 sections): 4 hours per week
   IST102 – PC Hardware (2 sections): 4 hours per week
   IST125 – Introduction to Programming Using C l (2 sections): 2 hours per week
   IST127 – Introduction to Programming (2 sections): 2 hours per week
   Spring 2021
   IST102 – PC Hardware (1 sections): 4 hours per week
   IST125 – Introduction to Programming Using C l (2 sections): 2 hours per week
   IST127 – Introduction to Programming (2 sections): 2 hours per week
   IST128 – Object Oriented Programming (1 section): 2 hours per week
   IST152 – HTML (1 section): 2 hours per section
   American University of Kuwait:
   Fall 2021:
   CPEG210L – Digital Logic Design Laboratory (2 sections): 1.5 hours per week
   CPEG330L - Microprocessors and Interfacing Laboratory (2 sections): 1.5 hours per week
   CPEG340L – Embedded System Design Laboratory (2 sections): 1.5 hours per week
   ELEG220L – Electric Circuits Laboratory (2 sections): 1.5 hours per week
   Spring 2022:
   CPEG210L – Digital Logic Design Laboratory (1 section): 2.45 hours/week
   CPEG330L - Microprocessors and Interfacing Laboratory (1 section): 2.45 hours/week
   CPEG340L – Embedded System Design Laboratory (1 section): 2.45 hours/week
   CPEG303L – Advanced Programming for Eng. Laboratory (1 section): 2.45 hours/week
   CSIS101 – Computer Skills and Emerging Technologies (1 section): 2.5 hours per week

   b) <u>Intensive professional short courses</u>
      Kuwait Technical College:
      Technical Design for PowerPoint Presentations Workshop – 6 Days workshop: 6 hours
      per day
   c) <u>Community Service courses</u>
      Kuwait Technical College:
      Python Programming Course – Online Video Tutorials

12.   <u>Other Duties</u>   None

13.   <u>Research</u>   None

14.   **<u>Participation in Specific Programs</u>** None