Curriculum Vitae (CV)

Karim Mohammed Badr-Eldin Abo Samra

Personal Information:

Academic Rank: Assistant Professor

Department: Electrical Engineering

Specialization: Computer Systems Engineering

Position: Assistant Professor at Electrical Engineering Department

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Education:

Degree	Discipline	Institution	Year
Ph.D.	Computer Systems Engineering	Faculty of computer engineering, Benha University	2017
M.Sc.	Computer Engineering	Arab Academy for Science and Technology and Maritime Transport	2010
B.Sc.	Electrical & Computer Engineering	Higher Technological institute, 10th of Ramadan, 6th of October branch	2001

Academic Experience:

Institution: Higher Technological Institute H.T.I, 6th of October , EGYPT

Rank: Assistant Professor (Lecturer)

Dates: 2017 - Present

Rank: Research Assistant (PhD student)

Dates: 2010

Rank: Teaching Assistant

Dates: 2004

Research interests:

- Public Key Infrastructure (PKI) applications

- Blockchain

Publications:

1. Kareem M. Abo Samra, Ahmed Abdelhafez, Ghazy M R Assassa, and Mona F M Mursi. "A practical, secure and auditable e-voting system". Journal of Information Security and Applications (JISA), Vol.36, pp. 69-89, ELSEVIER, 2017.
2. Kareem M. Abo Samra, Mona F M Mursi, Ghazy M R Assassa and Ahmed Abdelhafez. "A secure and audit-able cryptographic e-voting scheme for the Middle East and North Africa". International Journal of Computers. Volume 10. North Atlantic University Union (NAUN), 2016.
3. Kareem M. Abo Samra, Mona F M Mursi, Ghazy M R Assassa and Ahmed Abdelhafez. "A secure and auditable cryptographic-based e-voting scheme". Second International Conference on Mathematics and Computers in Sciences and in Industry (MCSI), pp. 253-262. IEEE, 2015.
4. Kareem M. Abo Samra, Mona F M Mursi, Ghazy M R Assassa and Ahmed Abdelhafez. "On the Development of Electronic Voting: A Survey". International Journal of Computer Applications. 61, no. 16, pp. 1-11. Published by Foundation of Computer Science, New York, USA, 2013.
5. Kareem M. Abo Samra, Mohamed Abo Rizka, and Atallah Hashad. "RPV: The Remote Poll Site E-Voting System". Ain-Shams journal of electric engineering. Vol.1, pp. 101-120, Cairo, Egypt, 2009.

Certifications or Professional Registrations

- " teaching strategies for H.E faculties and institutes" National authority for quality assurance and accreditation of education . 2021
- Remark Electronic Marking OMR, HTI, 2020.
- "Self evaluation of educational programs for H.E. faculties and institutes" National authority for quality assurance and accreditation of education . 2019
- Program and Course Specifictions and Evaluation of ILOs for Higher Education Institutes, 2019.
- Quality Assurance of Education for Academic Leaders: Faculties and Institutes of Higher Education, HTI, 2018.
- "Workshop of Scientific Research Funding", January 2013, Higher Technological Institute, 6 of October.

Teaching Experience:

Higher Technological Institute H.T.I, 10th of Ramadan, 6th of October branch

Teaching Assistant Engineer 2004-2009

Assistant Lecturer 2010-2016

Lecturer 2017-present

Courses taught

- Communications System Security
- Data Communication and Computer Networks
- Operating Systems
- Computer Organization and Architecture
- Microprocessor Architecture and interfacing
- Computer aided design using VHDL
- Logic Design 1 & 2
- Data Structure
- Computer Skills (Introduction to Computers)
- Computer Engineering 1 & 2
- Introduction to Microprocessors
- Introduction to MATLAB
- International Computer Driving License ICDL