Curriculum Vitae (CV)

Islam Ismail Mohamed Ahmed

Personal Information:

Academic Rank: Teaching Assistant

Department: Biomedical Engineering Department

Specialization: Machine and Deep Learning

Position: Teaching Assistant

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Degree	Discipline	Institution	Year
M.Sc.	Control System	Cairo University	2016
B.Sc.	Biomedical Engineering	Higher Technological institute	2009

Academic Experience:

Institution: Higher Technological institute

Rank: Teaching Assistant

Dates: 2017

Institution: Higher technological institute

Rank: Master study. In Cairo University, faculty of engineering, Department of Biomedical Engineering, thesis title (Non Linear Model-based prediction of Cardiac output for Depression and Normal cases)

Research interests:

- Machine and Deep Learning, Control System

Publications:

Mohamed, I.I., Aboamer, M.A., Azar, A.T. et al. Nonlinear single-input single-output model-based estimation of cardiac output for normal and depressed cases. Neural Comput & Applic 31, 2955–2978 (2019). https://doi.org/10.1007/s00521-017-3245-8

Teaching Assistant Experience:

- Teaching Experience: Higher technological institute 10 th of ramdan city from2010 till now
- Automatic control
- System Dynamics and Control
- Ethics
- Introduction of Biomedical Engineering
- Biomechanics1
- Biomechanics2