Hani Kanaan

Iraq-Baghdad

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Researcher and teacher in the field of HCI and AI with a research background. I am interested in developing a career that combines teaching and research, while maintaining my interest in public engagement with electronics and AI algorithms to produce a beneficial robotic.

***Education***

University of technology (2017-2020)

Iraq, Baghdad

PhD.

Dissertation: Speech Command Recognition Based Human Interaction Using Modified CNN

University of technology (2014-2017)

Iraq, Baghdad

Mcs.

Theses: Multimedia Based Human computer Interface

Al Rafidain college (2002-2005)

Iraq, Baghdad

Bachelor of computer information system

Teaching/supervising experience

Teaching, middle technical university (2018-2020)

- Assisting with program development

- Student assessment

-Supervise undergraduate students with support them for applying AI algorithms in real world

- Support graduate students through put research planning and monitor him

- I am able to build different media datasets and gauge them where that it is important in design

the recognition systems for example:

https://sites.google.com/view/arabic-voice-ordersexamples/%

D8%A7%D9%84%D8%B5%D9%81%D8%AD%D8%A9-

%D8%A7%D9%84%D8%B1%D8%A6%D9%8A%D8%B3%D9%8A%D8%A9

***Publications***

- Journal BS. Human Computer Interface for Wheelchair Movement: Assist. Prof. Dr. Rana

Fareed Ghani | Hani Saeed Hassan. Baghdad Sci.J [Internet]. 2017Jun.4 [cited

2021Jul.28];14(2):0437. Available from:

https://bsj.uobaghdad.edu.iq/index.php/BSJ/article/view/2381

- Arabic Command Based Human Computer Interaction

Hani S. Hassan, S Jammila Harbi and Maisa'a Abid Ali Kodher

Published under licence by IOP Publishing Ltd

- Journal BS. Hyper filter for enhancing input microphone based discriminative model

Hani S. Hassan, S Jammila Harbi and Maisa'a Abid Ali Kodher. Baghdad Sci.J [Internet].2020

Sep. 6(9).

-Et., wheelchair movement based convolutional neural network, Hani S. Hassan, S Jammila

Harbi and Maisa'a Abid Ali Kodher, Engineering and technology journal, Accepted:Sep,2020

- Review and implement a Novel Technique of Wheelchair Movement by Using A deep

Learning, Hani S. Hassan, S Jammila Harbi and Maisa'a Abid Ali Kodher, 2nd Al-Noor

International Conference for Science and Technology (2NICST2020) Baku, Azerbaijan, August

28-30, 2020.

***Conferences and presentations***

- 2nd Al-Noor International Conference for Science and Technology

(2NICST2020) Baku, Azerbaijan, August 28-30, 2020.https://noorufoq.org/NICST2020/

-Al-kadhum international conference for modern application and communication technology,

11-12,junuary 2020.