

Ahmad Ali Asa'd Aldahoud

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Brief Biography

Ahmad Aldahoud background and academic achievement close to a decade. He has extensive knowledge and work experience in area of Computer Science, Technology Management, Automotive Engineering, and Multimedia.

Education:

PhD – Games, Animation and Visual effect, Bradford University, Bradford, United Kingdom,

Thesis title: "***The computational face for facial emotion analysis***"

Sub-title: "***Computer based emotion analysis from the face***" – 2018

MSc – Computer Science, Jordan University of Science and Technology, Irbid, Jordan – 2013

BSc – Computer Information Systems, Jordan University of Science & Technology Irbid, Jordan – 2010

List of Publications

I. Journal papers

1. Hassan Ugail and Ahmad Al-dahoud "***Is gender encoded in the smile? A computational framework for the analysis of the smile driven dynamic face for gender recognition***", The Visual Computer, 2018/03/05, 2018.
2. Al-Sharif, Ziad A., Yaser Jararweh, Ahmad Al-Dahoud, and Luay M. Alawneh. "***ACCRS: autonomic based cloud computing resource scaling***." Cluster Computing 20, no. 3, p.p: 2479-2488, 2017.

II. Book:

1. Ahmad Ali Asad Aldahoud (Author) , Hassan Ugail (Author), "***Computational Techniques for Human Smile Analysis Paperback***", ISBN-13: 978-3030153809, Springer; 1st ed. 2019 edition (April 18 2019).

III. Conference paper

1. A. Al Dahoud, M. Fezari and A. Al Dahoud, "Automatic solar panel cleaning system Design," *2021 29th Telecommunications Forum (TELFOR)*, 2021, pp. 1-4, doi: 10.1109/TELFOR52709.2021.9653215.
2. Ahmad Al-Dahoud, H. Ugail " ***Computational Analysis of Smile Weight Distribution across the Face for Accurate Distinction between Genuine and Posed Smiles***", International Conference on Cyberworlds, Singapore, 2018.
3. Al-Dahoud, Ahmad, and Hassan Ugail "***On Gender Identification Using the Smile Dynamics***." In Cyberworlds (CW), 2017 International Conference on, pp. 1-8. IEEE, 2017.

4. Al-Dahoud, Ahmad, and Hassan Ugail. "**A method for location based search for enhancing facial feature detection.**" In Advances in Computational Intelligence Systems, pp. 421-432. Springer, Cham, 2017.
5. Anthony Ijeh1a, Ahmad Al Dahoud, Babatunde Ali Alao, Stephen .A. Reames1b," **contextual adaptation of A Security framework.**" The 6th International Conference on Information Technology, (ICIT2013) ISBN 978-9957-8583-1-5, Alzaytoonah University of Jordan. 08/12 May 2013.
6. Mohamed Fezari, Ahmad Al-Dahoud, "**Human Machine Communication Interface System Based on Merging Best Features and Semantic Models**", (ICIT2013) ISBN 978-9957-8583-1-5, Alzaytoonah University of Jordan. 08/12 May 2013.
7. Anthony Ijeh, Ahmad Al-Dahoud, Jean Gabrielle Maurice, Stephen .A. Reames,"**Location as a unique identifier for Wi-Fi access**", The 6th International Conference on Information Technology, (ICIT2013) ISBN 978-9957-8583-1-5, Alzaytoonah University of Jordan. 08/12 May 2013.
8. Abdelkame Hettab, Allaoua Chaoui, Ahmad Al-Dahoud, "**Automatic test cases generation from UML activity diagrams using graph transformation.**" The 6th International Conference on Information Technology, (ICIT2013) ISBN 978-9957-8583-1-5, Alzaytoonah University of Jordan. 08/12 May 2013.

Projects:

I. Motion capture for medical appliaciton 2020- 2023

This project aims to study the motion capture suit in medical application

II. Autonomic cloud computing resources scaling - 2013

Which is my thesis to get master's degree, we try to improve the resource usage and the power consumption to the cloud provider, without affecting the quality of service.

III. Sign language recognition - 2012

Come up with new algorithm that can help to identify the hand language for deaf people based on the identifying the fingers which is up or dawn, this project came up with new idea but have some limitation in the identification process and need to improve.

IV. Face recognition system - 2010

Third place in" Philadelphia IT projects, the idea was to identify the face and the by drawing it, and make the recognition based on it.

References

1. Dr.Hassan Ugail

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