
Faculty Vitae

1. Name

Dr. Sinan A. Naji

Academic Rank: Assist. Prof.

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2. Education

Ph.D. in Computer Science, University of Malaya, Faculty of Computer Science and Information Technology, 2013.

M.Sc. in Computer Science, University of Technology, Dept. of Computer Science, 1990.

B.Sc in Computer Science, University of Technology, Dept. of Computer Science, 1987.

MSc. Thesis Title: Design and Implementation of a Natural Language Interface to DOS

Ph.D. Thesis Title: Human Face Detection from Color Images Based on Multi-Skin Models, Rule-Based Geometrical Knowledge, and Artificial Neural Network.

General Specialization: Computer Science

Specific Specialization: Information Security / Digital Image Processing .

3. Academic experience

(Area).

Information Security, Digital Image Processing, Natural Language Processing, Artificial Intelligence, Neural Networks, Database Systems, and Data Mining.

6.Membership in professional organizations

8. Service Activities (current)

The reviewer of the following journals:

IET Computer Vision.
IET Image Processing.
IET Electronics Letters.
SN Computer Science Journal.
Journal of Computer Engineering and Information Technology.
Engineering and Technology Journal.
Journal of the University of Anbar for Pure Science.
Iraqi Journal for Computers and informatics.

Conference Committees:

New Trends in Information and Communications Technology Applications. Third International Conference, NTICT 2018, Organization Committee Member.

New Trends in Information and Communications Technology Applications. Third International Conference, Fourth International Conference, NTICT 2019, Technical Committee Member.

9. Publications/Presentations

2020

Sinan A. Naji, Mohaisen, H.N., Alsaffar, Q.S., Jalab, H.A., “*Automatic Region Selection Method to Enhance Image-Based Steganography*”, Periodicals of Engineering and Natural Sciences Vol. 8, No. 1, 2020

Sinan A. Naji, Robert Tornai, JasimH. Lafta, and Hussein L. Hussein, “*Iris Recognition Using Localized Zernike Features with Partial Iris Pattern*”, Communications in Computer and Information Science, Vol. 1183, 2020.

Hanan Qassim Jaleel, Jane Jaleel Stephan, Sinan A. Naji, “*Multi-Agent Systems: A Review Study*”, Ibn Al Haitham Journal For Pure and Applied Science, Vol 33, Issue 3, 2020.

A. Mustafa Ihsan, Chu Kiong Loo, Sinan A. Naji, Manjeevan Seera, “*Superpixels Features Extractor Network (SP-FEN) for Clothing Parsing Enhancement*”, Neural Processing Letters, <https://doi.org/10.1007/s11063-019-10173-y>, 2020.

2019

Sinan A. Naji, Hatem N. Mohaisen, Qusay S. Alsaffar Salman H. Omran “*A Modified RSA Algorithm for Hiding Text in Colored Images with Random Pixel Selection*”, Opcion Journal, No. 7, 2019.

Alaa A. Abdullatif, Firas A. Abdullatif, Sinan A. Naji, “*An enhanced hybrid image encryption algorithm using Rubik’s cube and dynamic DNA encoding techniques*”, Periodicals of Engineering and Natural Sciences, Vol. 7, No. 4, 2019.

Sinan A. Naji, Hussein L. Hussein, A. Mustafa Ihsan, and Jasim H. Lafta, “*Enhancing LSB Algorithm Against Brute-Force Attack Using ASCII Mapping Technique*”, Journal of Engineering and Applied Sciences, Vol. 14, Issue 16, P 5854-5863, 2019 (SCOPUS Cited Publication) DOI: 10.3923/jeasci.2019.5854.5863.

Sinan Naji, Hamid A. Jalab, Sameem A. Kareem, “*A survey on skin detection in colored images*”, Artificial Intelligence Review (ISI/SCOPUS Cited Publication, Q1), Vol. 52, Issue. 2, 2019.

2018

Ahmed Abbass, Hussein L. Hussein, Sinan A. Naji, Salam Al-augby, Jasim Lafta, “*Hiding Text in Gray Images Using Mapping Technique*”, Journal of Physics: Conf. Series 1003 (2018) 012032 doi :10.1088/1742-6596/1003/1/012032 (SCOPUS Citation Index)

2013

Sinan Naji , Roziati Zainuddin, Sameem A. Kareem, Hamid A. Jalab, “*Detecting Faces in Colored Images Using Multi-skin Color Models and Neural Network with Texture Analysis*”, Malaysian Journal of Computer Science e, Volume 26, No 2, 2013. (ISI/SCOPUS Citation Index, Q4)

2012

Sinan Naji, Zainuddin, R., Jalab, H.A., “*Skin segmentation based on multi pixel color clustering models*”. Digital Signal Processing, Vol. 22, Iss. 6 (2012), pp. 933–940 (ISI/SCOPUS Citation Index, Q1)

2011

Sinan Naji, Zainuddin, R., Jalab, H.A., Zaid, M.A., & Eldouber, A., “*Neural Network-Based Face Detection with Partial Face Pattern*”. Paper presented at the 2011 International Arab Conference on Information Technology ACIT 2011, Riyadh, Saudi Arabia.

2010

Zainuddin , R., Sinan Naji., “*Multi-skin color clustering models for face detection*”. Paper presented at the Second International Conference on Digital Image Processing, Proceedings of SPIE 2010, Singapore.

Sinan Naji, Zainuddin, R., Al-Jaafar, J., “*Automatic Illumination Correction for Human Skin*”. Paper presented at the International Conference on Intelligent Network and Computing ICINC 2010, Kuala Lumpur, Malaysia.

Zainuddin, R., Sinan Naji, Al-Jaafar, J., “*Suppressing False Negatives in Skin Segmentation*”. In T.

2007

Sinan Naji, "Face Detection Biometric Systems Using Profile Images", First Conference on Computer Technologies, Jalo, Libya, 2007.

Sinan Naji, "The NL Interface for Databases", First Conference on Computer Technologies, Jalo, Libya, 2007.

1995

Sinan Naji, "Time Table Problem in Universities", The Scientific Conference of Al-Rafdain University College, Baghdad, Iraq, 1995.

1994

Sinan Naji, "Computer Virus", College of Education Annual Journal, Al-Mustansiria University, vol. 1, 1994.

1993

Khalid Al Daimi, Sinan Naji, "Communicating with operating systems in natural language", International Journal of Intelligent Systems, Vol. 8, 671-684 (1993) (ISI/SCOPUS Citation Index, Q2)