

CURRICULUM VITAE

Yaser A. Saleh

PERSONAL INFORMATION

First Name: Yaser

Last Name: Saleh

Birth Date: 22nd – April – 1989

Nationality: American, Jordanian

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EDUCATION

2015 - 2017

Loughborough University (UK), Ph.D.

Major: Computer Science

Thesis: *Face Recognition Enhancement through the Use of Depth Maps and Deep learning*

Advisor: Eran Edirisinghe, Ph.D.

2012 - 2014

Princess Sumaya University of Technology (JO), MSc. 88.9\100.

Major: Computer Science

Thesis: *Undercover Ethnography: Towards an Automated Framework to Study the Human Level of Interest*

Advisor: Muhanna Muhanna, Ph.D.

2007 - 2011

University of Petra (JO), BSc. 3.63\4.0.

Major: Computer Science

EMPLOYMENT

September 2022 - Present

Assistant Professor, Princess Sumaya University for Technology, Jordan.

October 2017 - August 2022

Assistant Professor, University of Petra, Jordan.

August 2011 - October 2014

Lab Instructor and Social Media Administrator, University of Petra, Jordan.

PROFESSIONAL AFFILIATIONS AND SERVICES

Club President (2010 - 2011)

Student Activity Club (SAC)
University of Petra

IT Specialist (2011 – 2014)

Innovation Center
University of Petra

Committee Member (2017 – Present)

Computer Science Department
University of Petra

Assistant Manager (2019 – 2021)

Innovation Center
University of Petra

PUBLICATIONS

Saleh, Y., & Edirisinghe, E. (2016, May). Novel approach to enhance face recognition using depth maps. In *Systems, Signals and Image Processing (IWSSIP)*, 2016 International Conference on (pp. 1-4). IEEE.

Saleh, Y., & Edirisinghe, E. (2017, April). 3D face reconstruction and recognition using the Overfeat network. In *Information and Communication Systems (ICICS)*, 2017 8th International Conference on (pp. 116-119). IEEE.

Saleh, Y., (2018) “ Depth Face Recognition through Deep Learning Networks Fine-Tuning “ , *International Journal of Advance Computational Engineering and Networking (IJACEN)* , pp. 78-81, Volume-6, Issue-7

Saleh, Y., & Otoum, N. (2020). Road-Type Classification through Deep Learning Networks Fine-Tuning. *Journal of Information & Knowledge Management*, 19(01), 2040020.

Saleh, Y., & Issa, G. F. (2020). Arabic Sign Language Recognition through Deep Neural Networks Fine-Tuning. *International Journal of Online & Biomedical Engineering*, 16(5).

Shubita, A. F., & **Saleh, Y.** The Application of Artificial Intelligence Technology in Cultural Heritage Development. *International Journal of Recent Technology and Engineering (IJRTE)*, 8(5), 1140-1146

Saleh, Y., El-Khalili, N., Otoum, N., Hasan, M. A. S., Abu-Aishah, S., & Matar, I. (2022, June). Analysis of teachers' satisfaction with online learning during the covid-19 pandemic. In *2022 29th International Conference on Systems, Signals and Image Processing (IWSSIP)* (pp. 1-4). IEEE.

- Saleh, Y.,** El-Khalili, N., Otoum, N., Al-Sheikh Hasan, M., Abu-Aishah, S., & Matar, I. (2022, September). E-learning Quality Assurance Guidelines for Higher Education Institutions in Jordan. In Proceedings of the 6th International Conference on Digital Technology in Education (pp. 207-212).
- Saleh, Y.,** & Muhanna, M. (2023). Archeological Sites Classification Through Partial Imaging and Convolutional Neural Networks. International Journal of Online & Biomedical Engineering, 19(7).
- Omar, K., **Saleh, Y.,** & Issa, G. (2024, February). Challenges of Distance Learning During the Coronavirus (COVID-19) Pandemic A Case Study of the University of Petra. In 2024 2nd International Conference on Cyber Resilience (ICCR) (pp. 1-6). IEEE.
- Muhanna, M., & **Saleh, Y.** (2024). The impact of serious games on learning user interface design guidelines. International Journal of Computing and Digital Systems, 15(1), 1853-1865.

KNOWLEDGE AREAS AND TEACHING EXPERIENCE

- I work well with many different technologies and languages such as C#.Net, WPF applications, Microsoft Kinect, Java, Unity, Python, Matlab, and more.
- My knowledge expands across multiple areas including the following: Image Processing, Computer Vision, Deep Learning, Human Computer Interaction, Virtual and Augmented Reality.
- In my teaching experience, I have taught many courses which include Data Structures, Java Programming, C#.Net, VB.Net, Software Engineering, Software Requirements and Specifications, Software Testing, Algorithms Analysis and Design, HTML Programming, and Game Development using Unity.

RESPONSIBILITIES AND NON-ACADEMIC WORK

- Organized multiple programming contests for students at University of Petra.
- As an assistant manager at the Innovation Centre – University of Petra, I was in the organizing committee for the best innovative idea competition in 2019.
- Organized multiple advertisement campaigns for the IT majors at University of Petra.
- Created the proposed curriculum for a Graphics and Virtual Reality major at University of Petra and worked as a member in the committee responsible for improving the suggested courses in the major.
- As the head of a research project, created a lectures recording studio equipped with top audio and video tools as well as providing multiple recording scenarios for instructors.

REFERENCES

Nuha El-Khalili, PhD
Dean, Faculty of Information Technology

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Ahmad Shubita, PhD
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