

# Dr. Ammar Huneiti

## Full Professor of Intelligent Information Systems

(Data Mining, Multimedia, Geographic Information Systems, Adaptive Hypermedia.)

### Education

- ***PhD. in Intelligent Information Systems***, Cardiff University, School of Engineering, Systems Engineering Division (Wales, UK). 2004.
- ***M.Sc. in Information Systems Technologies (IST)***, University of Wales College of Cardiff UWCC (Wales, UK).1992.
- ***B.Sc. in Computer Science***, University of Wales College of Cardiff UWCC (Wales, UK.) 1991.

### Academic Experience

- 2019 – Present **Full Professor**, University of Jordan, King Abdullah II School for Information Technology, Computer Information Systems Department (Amman – Jordan).
- 2020 - 2021 **Dean of King Abdullah II School for Information Technology**, University of Jordan, (Amman – Jordan).
- 2012 – 2019 **Associate Professor**, University of Jordan, King Abdullah II School for Information Technology, Computer Information Systems Department (Amman – Jordan).
- 2015 - 2016 **Vice Dean**, University of Jordan, King Abdullah II School for Information Technology (Amman – Jordan).
- 2005 – 2012 **Assistant Professor**, University of Jordan, King Abdullah II School for Information Technology, Computer Information Systems Department (Amman – Jordan).
- 2012 - 2014 **Dean Assistant for Students Affairs**, University of Jordan, King Abdullah II School for Information Technology (Amman – Jordan).
- 2008 - 2010 **Dean Assistant for Students Affairs**, University of Jordan, King Abdullah II School for Information Technology (Amman – Jordan).
- 2007 - 2008 **Dean Assistant for Labs Affairs**, University of Jordan, King Abdullah II School for Information Technology (Amman – Jordan).
- 2005 - 2007 **Dean Assistant for Development Affairs and Quality Assurance**, University of Jordan, King Abdullah II School for Information Technology (Amman – Jordan).

### Non-Academic Experience

- 2008 - 2011 **Consultant for H. E. the Jordanian Minister of Social Development (MoSD)**, (Amman – Jordan).
- 2008 - 2011 **Senior consultant for the World Bank Project “Social Protection Enhancement”**, (Amman – Jordan).
- 2008 - 2011 **Consultant for the National Aid Fund (NAF)**, (Amman – Jordan).
- 1994 - 2000 **Head of Information Technology and Development Section**, Jordan Ministry of Tourism & Antiquities MoTA (Amman, Jordan).
- 1993 - 1994 **Systems Analyst**, United Technologies Company, IBM Business Partner (Amman, Jordan).

### Membership in Professional Organizations

- Full Member - Regional Arab Information Technology Network (RAITNET).
- Represented Jordan in various major international tourism fairs and conferences.

### Service Activities

- Member of different accreditation and quality assurance committees for the Jordanian Ministry of Higher Education (MoHE).
- Member and ex-Member of most committees at King Abdullah II School for Information Technology – University of Jordan.

- Ex-Member of the higher committee for E-Learning at the University of Jordan.
- Ex-Member of the higher committee for UJ web site at the University of Jordan.
- Many others

### Teaching Activities

- PhD (Computer Science): Spatial Databases, Digital Media.
- MSc. (Computer Information Systems): Multimedia, GIS.
- BSc.(Computer Information Systems): Multimedia, GIS, Visual Programming, Web Application Development, E-Publishing, and Computer Skills I and II.
- High Diploma: E-Publishing.

### Graduate Studies Service

- Supervised/supervising PhD and MSc. students in Intelligent Systems program at the University of Jordan
- Member in PhD and MSc. defense committees in The University of Jordan, and other public and private universities in Jordan.

### Latest Publications

1. **M. Al-Tawil, M. Al-Zoubi, O. Adwan, A. Huneiti , R. Al Fayeze**, Efficient method for finding nearest neighbors in flocking behaviors using k-dimensional trees, *IAES International Journal of Artificial Intelligence (IJ-AI)*, Vol. 12, No. 4, December 2023, pp. 1628~1635 ISSN: 2252-8938, DOI: 10.11591/ijai.v12.i4.pp1628-1635
2. **B. Abu-Salih, P. Wongthongtham, G. Morrison, K. Coutinho, M. Al-Okaily, A. Huneiti**, Short-term renewable energy consumption and generation forecasting: A case study of Western Australia, *Heliyon*, Vol. 8, Issue 3, E09152, March 2022.
3. **S. AbuRass, A. Huneiti, M. B. Al-Zoubi**, Classification of Transformed and Geometrically Distorted Images using Convolutional Neural Network, *Journal of Computer Science*, 2022, 18 (8): 757.769 DOI: 10.3844/jcssp.2022.757.769
4. **S. AbuRass, A. Huneiti, M. B. Al-Zoubi**, Enhancing Convolutional Neural Network using Hu's Moments, *(IJACSA) International Journal of Advanced Computer Science and Applications*, Vol. 11, No. 12, 2020.
5. **O. Adwan, M. Al-Tawil, A. Huneiti, R. Shahin, A. Abu Zayed, R. Al-Dibsi**, Twitter Sentiment Analysis Approaches: A Survey, *International Journal of Emerging Technologies in Learning (IJET)*, Aug. 2020, Vol. 15 No. 15, pp. 79-93.
6. **Huneiti, A. and Adwan O.**, Extracting Interesting Regions and Trips from Taxi Trajectory Data, *Modern Applied Science*, Jan. 2019, Vol.13 No. 2, pp. 258-264, doi:10.5539/mas.v13n2p258.
7. **O. AbuAlghanam, M. Qatawneh, H. A. al Ofeishat, O. Adwan, A. Huneiti**, A New Parallel Matrix Multiplication Algorithm on Tree-Hypercube Network using IMAN1 Supercomputer, *(IJACSA) International Journal of Advanced Computer Science and Applications*, Vol. 8, No. 12, 2017.