Joseph Kobina Panford

Department of Computer Science
Kwame Nkrumah University of Science and Technology

Profile knust.peerford.com/staff/6e39d083-b1e1-4d67-b09e-213bdfe8a677

RESEARCH

Areas: Artificial Intelligence · Computer Networks and Communications · Information Systems · Management Information Systems · Computer Vision and Pattern Recognition · Management Science and Operations Research

RESEARCH SUMMARY

10	56	4	3	0.96	30%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 10 publications listed below, 2013–2020. Field-weighted impact is the mean over the 10 works scored for it; 1.00 is the world average for works of the same field, type and year. 3 of the 10 papers scored for it are among the world's most cited tenth for their field, type and year.

PUBLICATIONS

Journal articles 10

1. Nyan, Pamela Ama, **Panford, Joseph Kobina**, Nyan, Francis Ato, Hayfron-Acquah, James Ben (2020). A Machine Learning Model for Network Intrusion Detection System Using Hidden Markov Model. *Zenodo (CERN European Organization for Nuclear Research)*. https://doi.org/10.5281/zenodo.4159313
2. Isaac Akuamoah-Boateng Adueni, James Ben Hayfron-Acquah, **Joseph Kobina Panford** (2016). Developing a common cloud platform to manage Ghana's healthcare system. Case study: Ghana Health Service (GHS). *Journal of Communications Technology Electronics and Computer Science*. https://doi.org/10.22385/jctecs.v4i0.25
3. Kofi Adu-Manu, John Arthur, **Joseph Panford**, Joseph Davis (2016). iCleaner: A Data Cleansing Tool for Outlier Detection in a Data Warehousing Environment. *British Journal of Mathematics & Computer Science*. https://doi.org/10.9734/bjmcs/2016/28861
4. Adu AdolphSedemYaw, Frimpong Twum, J. B. Hayfron-Acquah, **Joseph K. Panford** (2015). Cloud Computing Framework for E-Health in Ghana: Adoption Issues and Strategies: Case Study of Ghana Health Service. *International Journal of Computer Applications*. https://doi.org/10.5120/20836-3545
5. Abeo Timothy Apasiba, J. B. Hayfron-Acquah, **J. K. Panford**, Michael Asante (2015). Enhancing the Security of Vehicles and the Work of the DVLA Using GSM/SMS Technologies. *International Journal of Science and Engineering Applications*. https://doi.org/10.7753/ijsea0405.1006
6. Richard Appiah, **Joseph Kobina Panford**, Kwabena Riverson (2015). Implementation of Adaptive Neuro Fuzzy Inference System for Malaria Diagnosis (Case Study: Kwesimintsim Polyclinic). *International Journal of Computer Applications*. https://doi.org/10.5120/20166-2284
7. Quashie Duodu, **Joseph Kobina Panford**, James Ben Hayfron-Acquah (2014). Designing Algorithm for Malaria Diagnosis using Fuzzy Logic for Treatment (AMDFLT) in Ghana. *International Journal of Computer Applications*. https://doi.org/10.5120/16102-5353
8. Umar FaroukIbnAbdulrahman, **Joseph Kobina Panford**, James Ben Hayfron-Acquah (2014). Fuzzy Logic Approach to Credit Scoring for Micro Finance in Ghana: A Case Study of KWIQPLUS Money Lending. *International Journal of Computer Applications*. https://doi.org/10.5120/16362-5772
9. Rockson KwasiAfriyie, J. B. Hayfron-Acquah, **Joseph K. Panford** (2014). Optimising Storage Resource

using Morpheme based Text Compression Technique. *International Journal of Computer Applications*. https://doi.org/10.5120/16190-5414

10. Kofi Adu-ManuSarpong, Joseph George Davis, **Joseph Kobina Panford** (2013). A Conceptual Framework for Data Cleansing A Novel Approach to Support the Cleansing Process. *International Journal of Computer Applications*. https://doi.org/10.5120/13447-1310