

Idris Ibrahim
Assistant Professor
School of Mathematical & Computer Sciences
Computer Science
Type of address: Postal address.
Riccarton
EH14 4AS
Edinburgh
United Kingdom
Email: I.S.Ibrahim@hw.ac.uk



Employment

Assistant Professor

School of Mathematical & Computer Sciences
Edinburgh, United Kingdom
1 Apr 2024 → present

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Computer Science
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Edinburgh, United Kingdom
1 Apr 2024 → present

Research outputs

Comparative Study of Convolutional Neural Networks for Deepfake Video Detection on Social Media

Omar, L., Ibrahim, I. S. & Sharghi, M., 14 Nov 2025. 7 p.

Enhancing Mobile Ad-Hoc Networks with SDN: A Novel SDMANET Architecture for Improved Routing and Performance

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Smart Education: Higher Education Instruction and the Internet of Things (IoT)

Ibrahim, I. S. & Kenwright, B., 6 Jul 2022, arXiv, p. 1-12, 12 p.

Verifying Parallel Dataflow Transformations with Model Checking and its Application to FPGAs

Stewart, R., Berthomieu, B., Garcia, P., Ibrahim, I., Michaelson, G. & Wallace, A., Dec 2019, In: *Journal of Systems Architecture*. 101, 101657.

High-performance Cloud Computing for Symbolic Computation Domain

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NsGTFA: A GUI Tool to Easily Measure Network Performance through the Ns2 Trace File

Ibrahim, I. S., King, P. J. B. & Loidl, H.-W., Dec 2015, In: *Journal of Intelligent Systems*. 24, 4, p. 467-477 11 p.

Improving the Power Efficiency of a High-Density Cluster in MANETs

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How public organisational structures influence software development processes

Bindrees, M. A., Pooley, R. J., Ibrahim, I. S. & Bental, D. S., 2014, In: *Journal of Universal Computer Science*. 10, 12, p. 2593-2607 15 p.

Re-Evaluating Media Richness Theory in Software Development Settings

Bindrees, M. A., Pooley, R. J., Ibrahim, I. S. & Taylor, N. K., 2014, In: *Journal of Computer and Communications*. 2, 14, p. 37-51 15 p.

MANETs from zones to threshold

King, P. J. B., Ibrahim, I. S. & Pooley, R. J., 2010, *Proceedings of the 5th International Conference on Systems and Network Communications*. p. 300-306 7 p.

Multipath Distance Vector Zone Routing Protocol for Asymmetric Mobile Ad-hoc Networks

Ibrahim, I. S., Etorban, A. A. & King, P. J. B., Jul 2008, p. 271-284. 14 p.

Multipath Distance Vector Zone Routing Protocol for Mobile Ad-hoc Networks

Ibrahim, I. S., Etorban, A. A. & King, P. J. B., Jul 2008, p. 171-176. 6 p.

Wireless Networks Design and Issues

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