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Lecturer
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Qualifications

Doctor of Philosophy, Secure Controller Framework For Software Defined Networks, Birmingham City University
Sept 2014 → Nov 2019
Award Date: 13 Feb 2020

Master of Science, Investigation of How Identity Based Means of Authentication, Authorisation and Accounting Can Be Effectively Applied To Wired and Wireless Network, University of Sunderland
Jan 2013 → May 2014
Award Date: 16 Jun 2014

Bachelor of Science, Building a Radio Frequency Jammer, Ahmadu Bello University Zaria
Jan 2006 → Nov 2010
Award Date: 14 Mar 2011

Mar 2013 → Aug 2014 Cisco Certified Network Associate Security, CCNA Security

Employment

Lecturer

School of Computer Science
Faculty of Business, Computing and Digital Industries
1 Jan 2022 → present

Research outputs

An analytical queuing model based on SDN for IoT traffic in 5G.

Aliyu, A. & Diocou, D., 15 Mar 2023, p. 435 - 445. 10 p.

A trust management framework for Software Defined Network (SDN) controller and network applications
Aliyu, A., Aneiba, A. (Contributor), Patwary, M. & Bull, P., 9 Nov 2020, In: Journal of computer networks . 181, 107421.

Secure communication between network applications and controller in software defined network
Aliyu, A., Aneiba, A. & Patwary, M., 19 Dec 2019.

A trust management framework for network applications within an SDN environment
Aliyu, A. L., Bull, P. & Abdallah, A., 18 May 2017, *Proceedings - 31st IEEE International Conference on Advanced Information Networking and Applications Workshops, WAINA 2017*. Enokido, T., Takizawa, M., Lin, C.-Y., Hsu, H.-H. & Barolli, L. (eds.). IEEE, p. 93-98 6 p. 7929660. (Proceedings - 31st IEEE International Conference on Advanced Information Networking and Applications Workshops, WAINA 2017).

Performance implication and analysis of the OpenFlow SDN protocol
Aliyu, A. L., Bull, P. & Abdallah, A., 16 May 2017, *Proceedings - 31st IEEE International Conference on Advanced Information Networking and Applications Workshops, WAINA 2017*. Enokido, T., Takizawa, M., Lin, C.-Y., Hsu, H.-H. & Barolli, L. (eds.). IEEE, p. 391-396 6 p. 7929710. (Proceedings - 31st IEEE International Conference on Advanced Information Networking and Applications Workshops, WAINA 2017).