

CURRICULUM VITAE

DR. JACKSON PHIRI

1. PERSONAL DETAILS

University Affiliation:	University of Zambia
Highest Qualification:	PhD (Computer Science)
Date of Birth:	1976
Gender:	Male
Nationality:	Zambian
University Teaching Experience:	15 years
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2. ACADEMIC AND OTHER RELEVANT QUALIFICATIONS

2.1. Academic Qualifications

- 2.1.1. *Doctor of Philosophy (PhD) in Computer Science*,
Harbin Institute of Technology, School of Computer Science, China
- 2.1.2. *Master of Science (MSc) in Computer Science*,
University of the Western Cape, Department of Computer Science, South Africa
- 2.1.3. *Bachelor of Computer Science*,
Department of Computer Science, The University of Zambia, Zambia

2.2. Peer Review Committees (Members of the Peer Review Committee)

- 2.2.1. IEEE/Systems, Man and Cybernetics: Systems: 2015 – To date
- 2.2.2. International Journal of Advancements in Computing Technology: 2013 – To date
- 2.2.3. Information Fusion Journal (Science Direct): 2012 – To date
- 2.2.4. Zambian Journal of ICT

3. SELECTED FUNDED RESEARCH PROJECTS

- 3.1. **Project Team Lead - Development of a Registry of Environmental Information (REI) ZM-ZEMA-49212-CS-QBS**, Funded by the World Bank for **Zambia Environmental Management Agency**, March 2021 to August 2021
- 3.2. **Design, Implementation and Deployment of Artificial intelligence Models for Automatic Forecasting of Seasonal Rainfall**, Funded by the World Bank for **the Zambia Meteorological Departments**, in the Ministry of Transport and Communications, April 2021 to September 2021
- 3.3. **Project Team Lead - Development of the Enhanced Smallholder Agribusiness Promotion Programme (E-SAPP) Web-Enabled Management Information System (MIS)**, (Contract No.

MPC 0198-2018/E-SAPP/MIS), Funded by International Fund for Agricultural Development (IFAD) for the Enhanced Smallholder Promotion Programme (E-SAPP) in the Ministry of Agricultural, December 2020 to February 2021

- 3.4. **Management of the Fall Armyworm (*Spodoptera Frugiperda*, J.E Smith) in Zambia (TCP/ZAM/3603)** – Funded by the United Nations – FAO, 2018 to 2019.
- 3.5. **Project SEARCH (Scanning EARs for Child Health)**, Boston University in collaboration with the University of Zambia, Department of Public Health and Department of Computer – Funded by the National Institutes of Health (NIH) – 2018 to 2020
- 3.6. **Project Team Lead - African Development Community (SADC). The development of the Southern African Research and Innovation Management Association (SARIMA)** database of Research and Innovation Managers across the SADC region which will be used to improve on service delivery through networking, collaboration and cooperation in the SADC region among researchers (February 2016 – September 2016)
- 3.7. **Project Team Lead - Application of ICT in Food Security, A Case Study of Food Reserve Agency (FRA)**. Project funded by *Joint Research Project* under the Zambia-South Africa Research Cooperation Programme by National Science and Technology Council (NSTC) in Zambia and the National Research Foundation (NRF) of South Africa. Jan 2015 – Dec. 2016
- 3.8. **Southern Africa Science Service Centre for Climate Change and Adaptive Land Management (SASSCAL)**: Collaborative Post Graduate Program in Earth Observation, GIS and Remote Sensing. Developing and implementation of the regional Earth Observation, GIS and Remote Sensing. Funded by the Germany Federal Ministry of Education and Research (2014 to 2018)

4. SCIENTIFIC SERVICES

- 4.1. Supervisor: Currently supervising 5 PhD Student
- 4.2. Supervisor: Currently supervising 21 Masters Student
- 4.3. Supervisor: Supervised and graduated 48 Masters students
- 4.4. Reviewer for 3 international academic journals, 1 funding agencies, 4 PhD theses
- 4.5. Committee activities:
 - Member of the ITU-Academic Representative (University of Zambia)
 - Higher Education Authority Programme Reviewer (ICT),
 - Member of the ICT Society of Zambia

5. RESEARCH AREAS AND PUBLICATIONS

5.1. Research Interest

- Applied Artificial Intelligence; Computer and Information Security, ICT for Development

5.2. Publications

- Full List of Research Publication can be found here:
 - Scopus Author ID: <https://www.scopus.com/authid/detail.uri?authorId=57207799599>
 - ORCID: <http://orcid.org/0000-0002-4430-1580>
 - Goggle Scholar: <https://scholar.google.com/citations?user=89Yshh8AAAAJ&hl=en&oi=ao>