

# Curriculum vitae

## PERSONAL INFORMATION



### Walter Kirika Ndegwa

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**Date of birth** 13/03/1981 | **Nationality** Kenyan

## WORK EXPERIENCE

03/08/2012–Present

### Lecturer

Multimedia University of Kenya, Nairobi (Kenya)

- Managing the attachment program within the faculty of Computing and Information Technology.
- Actively researching to ensure our courses and student are acceptable in accordance to the current market standards.
- Engaging university management to enhance policies that run the institution
- Teaching data management courses within the university

03/05/2010–01/08/2012

### Assistant Lecturer

Kimathi University College of Technology, Nyeri (Kenya)

- Managing the exam process in the department of Information Technology.
- Teaching Information Technology and Computer science courses.

03/03/2008–31/05/2010

### Imports Specialist

Ascribe Limited, Nairobi (Kenya)

- Management of clinical database projects for over 100 sites in the UK-Australia NHS.
- Database Administration and SQL programming of UK NHS database systems based on SQL Server 2000, 2005 and 2008 Platforms.
- Developing User Requirement Specifications, Functional Requirements and Technical Specifications for client hospital site data projects.
- Implementing of Extract, Transformation and Loading packages for NHS data using SSIS and DTS.
- Creation of data warehouses for business intelligence and using SQL jobs to automate extract creation
- Management of data projects, training and supervision of data analysts and their appraisal.
- Over 3000 hours experience in database and systems programming in a versatile software house.
- Managing the database programming team, formulating objectives and helping team members achieve them. Managing database servers.

## EDUCATION AND TRAINING

02/10/2006–29/06/2010

### MSc in Software Engineering

Jomo Kenyatta University of Agriculture and Technology, Juja (Kenya)

ICT policy, Advanced Computer programming, Artificial Intelligence, Human computer interaction, Software quality testing and assurance, Systems engineering and Communication Systems.

05/06/2000–21/06/2004

### BSc in Information Technology

Jomo Kenyatta University of Agriculture and Technology, Juja (Kenya)

## PERSONAL SKILLS

Mother tongue(s) Kikuyu

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
Swahili	B2	B2	B1	B1	B1
English	C1	C1	C1	C1	C1

IELTS 8.0

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
Common European Framework of Reference for Languages

Communication skills

- Good communication skills gained from my years in the classroom teaching university students.
- I also gained good networking skills in my role as the attachment coordinator within the faculty.

Organisational / managerial skills

- Time management.
- Leadership (part of the leadership of the university workers union).
- Good organizational skills, responsible for budgeting and scheduling of attachment activities within the faculty.

Job-related skills

- Public speaking: I have developed public speaking skills over the course of my lecturing career.
- Inter-personal communication.
- Record keeping.
- Self motivation.

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem-solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Digital skills - Self-assessment grid

Microsoft Technology Associate: 70-761 - Querying data with transact SQL  
Big Data Engineer - Mastery Award for Educators 2018

- Good command of office suite.

## ADDITIONAL INFORMATION

Publications

**Using a Machine Learning Algorithm to develop an Intelligent Automated Teller Machine (ATM).** Proceedings of 2008 JKUAT scientific, Technological and Industrialization conference – Scientific and Technological solutions for sustainable Industrialization and socio-economic growth pp 340-349.

**Safeguarding the use of SNSs: case study of Facebook™ in Kenya.** Proceedings of 2010 JKUAT Mechanical Engineering Conference pp 13-17.

References

MR. David Waruinge,  
Project Manager,

Safaricom Ltd  
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Dr. Lawrence Nderu,  
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JKUAT,  
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#### ATTACHMENTS

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- Querying+Data+with+Transact-SQL-01.jpg

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