



**BENJAMIN KIPRONO LANGAT**

**1. Personal Details** \_\_\_\_\_

**Phone:** +254723150624 **Address:** P.O. Box 5 20205 - Sosiot **Gender:** Male  
**E – Mail:** [kiprono@kafuco.ac.ke](mailto:kiprono@kafuco.ac.ke) / [benjaminkiprono@gmail.com](mailto:benjaminkiprono@gmail.com)  
**Date of birth:** 19<sup>th</sup> April 1987 **Marital Status:** Married

**2. Brief Resume** \_\_\_\_\_

Benjamin Kiprono Langat is currently the COD department of Information Technology at Kaimosi Friends University College (KAFUCO) [www.kafuco.ac.ke](http://www.kafuco.ac.ke) a constituent of Masinde Muliro University of Science and Technology. He lectures computer Science and Information Technology with special interests in Artificial Intelligence, software Engineering and Big data analytics. He is involved in a number of research projects and consultancies in information communication Technology.

**3. Education** \_\_\_\_\_

**PHD (IT) – ongoing** Masinde Muliro University of Science and Technology(MMUST)  
**Master of Science in Computer Systems** - Jomo Kenyatta University of Science and Technology (JKUAT) (2012-2015)  
**Bachelor of Science in Computer Science** - Masinde Muliro University of Science and Technology (MMUST) - 2<sup>nd</sup> Class Honours Upper Division (2006-2010)  
**KCSE** Kabianga High School - Grade A minus (2001-2004)  
**KCPE** Koitalel Primary School - 532/700 (2000)

**4. Teaching/ Professional Experience** \_\_\_\_\_

**September 2017 – Present:** Assistant Lecturer- Kaimosi Friends University College (KAFUCO) Department of Information Technology  
**2014 – 2017:** Adjunct Lecturer- St Pauls University (SPU)  
**2012 – 2014:** Graduate Assistant/ tutor – Zetech University  
**2010 – 2011:** Tutor/ Systems Administrator – African Institute of Research and Development studies  
**May 2009 – September 2009:** Intern – Kenya Broadcasting Corporation (KBC)

**5. Current Non Teaching appointments/Responsibilities** \_\_\_\_\_

**Coordinator** – department of Information Technology, Kaimosi Friends University College (KAFUCO)  
**Chairman**- Open and distance learning (ODEL) KAFUCO  
**Pastor** – Loyalty House International  
**Partner and content developer** – Trinity Education Global ( [trinityeducationglobal.org](http://trinityeducationglobal.org))  
**Chair** – Acceptance and inspection committee on ICT- Kaimosi Friends University College (KAFUCO)  
**Champion** - ISMS Management Committee to oversee Implementation of ISMS ISO for KAFUCO  
**Patron** of various clubs and societies

**6. Part Time Teaching** \_\_\_\_\_

In the process of gaining exposure I have taught in the following universities:  
Jomo Kenyatta University of Science and Technology (JKUAT) (2012)  
Masinde Muliro University of Science and Technology (MMUST- 2016)  
Kibabii University (KIBU)

## 7. Publications on Journals

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Kiprono, B. (2018). Big Data Analytics; Data-driven Decision Making for Enhanced Enterprise Performance. *African Journal Of Computing And Information Systems (AJCIS)*, 1(1), 26-33.

Kiprono, B. (2018). Disruptive Information Communication Technologies. *International Journal Of Applied Computer Science (IJACS)*, 1(1), 6-12

Njeru, K., Kiarie, C., Kibaara, D., Mwaniki, E., & Kiprono, B. (2017). Information Systems Driven Approach to Organizational Decision Making. *African Journal Of Computing And Information Systems (AJCIS)*, 1(1), 16-25

Dr J Orero, Anthony Iuvanda & Benjamin Kiprono(2014). Quasi Algorithm Based Model for Intelligent Zoonotic Livestock Disease Diagnosis. *International Journal of Mechatronics, Electrical and Computer Technology*. Vol. 4(12), Jul, 2014, pp. 1021-1040, ISSN: 2305-0543. [http://www.aeuso.org/Vol.4\\_12,%20Jul,%202014.html](http://www.aeuso.org/Vol.4_12,%20Jul,%202014.html)

## 8. Books

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Benjamin Kiprono (2017). Machine learning with quasi algorithm. LAP Lambert Academic Publishing ISBN (978-3-330-07666-2).

## 9. Conference papers

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Kiprono B (2015). Use of Quasi algorithm for disease diagnosis. Proceedings of the 3rd Strathmore International Mathematics Conference . Program: Artificial Intelligence August 3 – 7, 2015.

## 10. Research and Teaching Areas

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Big data analytics

Artificial Intelligence

Software Engineering

Programming languages: c, c++, java , c#, .net , prolog (AI) and python

Scripting languages: PHP, javascript

## 11. Major projects/ consultancies

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Rift Valley Fever RFV prediction system- International Livestock Research Institute (ILRI).

Index Based Livestock Insurance (IBLI)- International Livestock Research Institute (ILRI)

Curriculum review BSc Information Technology and computer science for Zetech university and UMMA.