

CURRICULUM VITAE



NAME : JONATHAN MUTHINI MAWIA

TELEPHONE : +254 757177738 | 0756255674

EMAIL : jonathanmuthini2@gamil.com.

LINKEDIN : <https://www.linkedin.com/in/jonathan-muthini-b86116264/>

PORTOFOLIO :<https://jonathanmawia.github.io/JonathanMuthiniMawia/>

Eldoret, Kenya

PROFESSIONAL PROFILE

A highly motivated and results-oriented ICT Tutor with over two years of dedicated experience in delivering comprehensive computer science education. Possesses a strong academic background in Computer Science and a proven track record of developing engaging curriculum, enhancing student performance, and fostering a collaborative learning environment. Expertise spans fundamental programming, web development, and essential computer applications. Seeking to apply technical knowledge and pedagogical skills to inspire students and contribute to a dynamic academic institution.

CORE COMPETENCIES

Technical & Web Development Skills

- **Programming Languages:** Python, PHP, SQL, HTML5, CSS3 , Bootstrap framework.
- **Web Development:** Front-End Development, Responsive Web Design.
- **Databases:** MySQL, Database Design, SQL Queries
- **Networking:** TCP/IP Fundamentals, Network Configuration, Troubleshooting

Computer Applications & Software

- **Productivity Suite:** Microsoft Office Suite (Word, Excel, PowerPoint, Access), Google Workspace
- **Operating Systems:** Windows 10/11, Linux (Ubuntu)

Instructional & Professional Skills

- Curriculum Development & Lesson Planning
- Student Assessment & Performance Evaluation
- Classroom & Laboratory Management
- One-on-One & Group Tutoring
- Technical Project Supervision
- Clear and Patient Communication
- Mentorship & Academic Guidance

PROFESSIONAL EXPERIENCE

ICT Tutor | Brainiq College of Accounts, Nyeri, Kenya

February 2025 – Present

- Deliver high-quality instruction in computer applications, programming logic, and introductory web development (HTML, CSS, PHP).
- Design and update curriculum and practical exercises to reflect current technological advancements and job market demands.
- Provide personalized academic mentorship, leading to a marked improvement in students' technical confidence and practical skills.
- Develop and administer a variety of assessment tools, including practical tests, projects, and written exams, to gauge student comprehension.

ICT Tutor | Eldoret Technical Training Institute, Eldoret, Kenya

September 2023 – February 2025

- Instructed diploma and certificate students across a diverse range of ICT modules, including programming, database systems, and computer networks.
- Authored, administered, and graded assignments, continuous assessment tests, and final examinations.

- Supervised computer laboratory sessions, ensuring the effective use of software and hardware and maintaining a productive learning environment.
 - Mentored students through their final-year projects, providing critical technical guidance that resulted in a 100% project completion rate.
 - Collaborated with the department to design and implement a new introductory module on web technologies.
-

EDUCATION

Bachelor of Science in Computer Science | Kibabii University, Kenya

Graduated: 2023

- **Grade Attained:** Second Class Honors, Upper Division

Kenya Certificate of Secondary Education (KCSE) | Iiani High School

Completed: 2018

- **Mean Grade:** C+ (Plus)

Kenya Certificate of Primary Education (KCSE) | Kiambani Primary School

Completed: 2014

- **Mean Grade:** C+ (Plus)

HOBBIES & INTERESTS

- **Technology Blogging:** Writing articles on programming tips and tech trends.
- **Open-Source Contribution:** Exploring and contributing to projects on GitHub.
- **Mentorship:** Volunteering to coach young learners in basic coding at community centers.
- **Creative Problem-Solving:** Enjoying strategic puzzles and coding challenges on platforms
- **Reading:** Keen interest in technology journals and educational pedagogy books.



KIBABII UNIVERSITY

P.O. BOX 1699 - 50200

TEL: +020-2028660/0708-085934/0734-831729, FAX: +0202028660

Email: enquiries@kibu.ac.ke

Web: www.kibu.ac.ke

UNDERGRADUATE ACADEMIC TRANSCRIPT

STUDENT NAME: MAWIA JONATHAN MUTHINI REG. NO. com/0050/19

PROGRAMME: BACHELOR OF SCIENCE IN COMPUTER SCIENCE

ACADEMIC YEAR: 2019/2020

DEPARTMENT: COMPUTER SCIENCE

SCHOOL/FACULTY: SCHOOL OF COMPUTING AND INFORMATICS

YEAR OF STUDY: FIRST YEAR

CODE	UNIT TITLE	UNITS	MARKS	GRADE
CSC111	INTRODUCTION TO PROGRAMMING	3	58	C
CSC112	DISCRETE STRUCTURES I	3	69	B
CSC113	ELECTRONICS	3	48	D
CSC114	INTRODUCTION TO COMPUTING ESSENTIALS I	3	73	A
CSC115	INTRODUCTION TO INTERNET TECHNOLOGIES	3	75	A
CSC116	ELECTRICAL PRINCIPLES	3	43	D
KUC111	COMMUNICATION SKILLS	3	56	C
MAT110	BASIC CALCULUS I	3	68	B
CSC120.	OBJECT ORIENTED PROGRAMMING I	3	58	C
CSC121.	DISCRETE STRUCTURES II	3	64	B
CSC122.	DIGITAL ELECTRONICS II	3	42	D
CSC124.	INTRODUCTION TO COMPUTING ESSENTIALS II	3	70	A
CSC125.	PROCEDURAL PROGRAMMING	3	63	B
KUC123	HIV/AIDS AND OTHER EMERGING ISSUES	3	46	D
KUC125	QUANTITATIVE SKILLS	3	73	A
MAT212	LINEAR ALGEBRA I	3	71	A

MEAN SCORE: 61%

MEAN GRADE: B

RECOMMENDATION: GOOD , PROCEED TO SECOND YEAR OF STUDY

Key to Grading System:

70-100% A (Excellent)
60-69% B (Good)
50-59% C (Satisfactory)
40-49% D (Pass)
0-39% E (Fail)

Other Keys:

* Pass after Supplementary Examination
E Elective Course
Audited Unit
** Retake

NOTE:A Semester is a period of 16 weeks.A Unit of Study is one-hour lecture per week per semester or two hours of tutorials/seminars per semester or three hours of practical per week per semester.

EXPLANATION OF COURSE CODE 100-600-Undergraduate Courses; 700-Postgraduate Diploma

Courses:800Masters Courses900-Doctorate Courses

Signed:

REGISTRAR (ACADEMIC AFFAIRS)



23 JAN 2024

DATE



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UNDERGRADUATE ACADEMIC TRANSCRIPT

STUDENT NAME: MAWIA JONATHAN MUTHINI REG. NO. com/0050/19

PROGRAMME: BACHELOR OF SCIENCE IN COMPUTER SCIENCE

DEPARTMENT: COMPUTER SCIENCE

ACADEMIC YEAR: 2020/2021

SCHOOL/FACULTY: SCHOOL OF COMPUTING AND INFORMATICS YEAR OF STUDY: SECOND YEAR

CODE	UNIT TITLE	UNITS	MARKS	GRADE
CSC210.	OBJECT-ORIENTED PROGRAMMING II	3	54	C
CSC211.	DIGITAL ELECTRONICS II	3	41	D
CSC212.	COMPUTER ORGANIZATION & ARCHITECTURE II	3	52	C
CSC213.	APPLICATION DEVELOPMENT FOR THE INTERNET	3	52	C
CSC215.	SYSTEM ANALYSIS & DESIGN	3	63	B
CSC216.	DIGITAL & ANALOGUE COMMUNICATION SYSTEMS	3	69	B
CSC217	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	3	40	D
STA205	STATISTICS AND PROBABILITY	3	56	C
CSC220.	AUTOMATA THEORY	3	60	B
CSC221.	DATABASE SYSTEMS I	3	73	A
CSC222.	ASSEMBLY LANGUAGE PROGRAMMING AND MICROPROCESSOR	3	55	C
CSC223	DATA COMMUNICATION	3	52	C
CSC224.	PRINCIPLES OF OPERATING SYSTEM	3	68	B
CSC225.	DATA STRUCTURES	3	61	B
CSC226	CLIENT/SERVER COMPUTING	3	45	D
CSC227	INTRODUCTION TO LOGIC PROGRAMMING	3	60	B
CSC239	INDUSTRIAL TRAINING	6	68	B

MEAN SCORE: 57%

MEAN GRADE: C

RECOMMENDATION: SATISFACTORY , PROCEED TO THIRD YEAR OF STUDY

Key to Grading System:

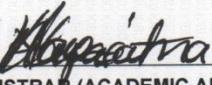
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- 0-39% E (Fail)

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- E Elective Course
- # Audited Unit
- ** Retake

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EXPLANATION OF COURSE CODE 100-600-Undergraduate Courses:700-Postgraduate Diploma Courses:800Masters Courses900-Doctorate Courses

Signed: 
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UNDERGRADUATE ACADEMIC TRANSCRIPT

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PROGRAMME: BACHELOR OF SCIENCE IN COMPUTER SCIENCE

DEPARTMENT: COMPUTER SCIENCE ACADEMIC YEAR: 2021/2022

SCHOOL/FACULTY: SCHOOL OF COMPUTING AND INFORMATICS YEAR OF STUDY: THIRD YEAR

CODE	UNIT TITLE	UNITS	MARKS	GRADE
CSC310.	COMPILER CONSTRUCTION AND DESIGN	3	50	C
CSC311.	SOFTWARE ENGINEERING	3	72	A
CSC312.	DESIGN AND ANALYSIS OF ALGORITHM	3	52	C
CSC313.	COMPUTER NETWORKS	3	70	A
CSC314.	MOBILE COMPUTING	3	64	B
CSC315.	COMPUTER ARCHITECTURE II	3	77	A
CSC316	DATABASE SYSTEMS II	3	66	B
CSC370E.	NETWK PROGRAMMING	3	66	B
CSC371E.	REAL TIME SYSTEMS	3	66	B
CSC320.	COMPUTER GRAPHICS	3	65	B
CSC321.	COMPUTER SYSTEMS SECURITY	3	57	C
CSC322.	RESEARCH METHODS AND TECHNICAL WRITING	3	55	C
CSC323.	HUMAN COMPUTER INTERACTION	3	70	A
CSC324.	PRINCIPLES OF PROGRAMMING LANGUAGES	3	68	B
CSC325	SOFTWARE PROJECT MANAGEMENT	3	66	B
CSC326	COMPUTER SCIENCE PROJECT 1	3	60	B
CSC339	INDUSTRIAL ATTACHMENT	6	55	C
CSC373E.	NETWORKS AND SYSTEMS ADMINISTRATION	3	76	A
CSC374E	APPLIED CRYPTOGRAPHY	3	61	B

MEAN SCORE: 64%

MEAN GRADE: B

RECOMMENDATION: GOOD , PROCEED TO FOURTH YEAR OF STUDY

Key to Grading System:

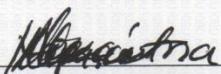
70-100% A (Excellent)
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Other Keys:

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 E Elective Course
 # Audited Unit
 ** Retake

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EXPLANATION OF COURSE CODE 100-600-Undergraduate Courses; 700-Postgraduate Diploma
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Signed: 
 REGISTRAR (ACADEMIC AFFAIRS)



23 JAN 2024

DATE



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UNDERGRADUATE ACADEMIC TRANSCRIPT

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REG. NO. com/0050/19

PROGRAMME: BACHELOR OF SCIENCE IN COMPUTER SCIENCE

DEPARTMENT: COMPUTER SCIENCE

ACADEMIC YEAR: 2022/2023

SCHOOL/FACULTY: SCHOOL OF COMPUTING AND INFORMATICS

YEAR OF STUDY: FOURTH YEAR

CODE	UNIT TITLE	UNITS	MARKS	GRADE
CSC410.	DISTRIBUTED SYSTEMS	3	74	A
CSC411	MANAGEMENT INFORMATION SYSTEMS	3	64	B
CSC412.	OPERATION RESEARCH	3	77	A
CSC413.	UNIX SYSTEMS PROGRAMMING	3	68	B
CSC417	COMPUTER SCIENCE PROJECT II	3	66	B
CSC461E	DATABASE ADMINISTRATION AND PROGRAMMING	3	54	C
CSC470	NETWORK PROTOCOLS AND STANDARDS	3	58	C
CSC471	MULTIMEDIA TECHNOLOGIES	3	70	A
CSC420.	SOCIAL ISSUES & PROFESSIONAL PRACTICE IN COMPUTING	3	73	A
CSC421.	ENTERPRENEURSHIP	3	69	B
CSC422.	LEGAL AND ETHICAL ISSUES IN COMPUTING	3	56	C
CSC423.	MACHINE LEARNING	3	68	B
CSC466E.	CLOUD COMPUTING	3	57	C
CSC474E.	NETWORK PERFORMANCE AND OPTIMIZATION	3	73	A
CSC477E	SECURITY IN NETWORKS	3	50	C

MEAN SCORE: 65%

CUMMULATIVE/OVERALL SCORE: 61.716

RECOMMENDATION: GOOD, QUALIFIED FOR BACHELOR OF SCIENCE IN COMPUTER SCIENCE - SECOND CLASS HONORS (UPPER DIVISION)

Key to Grading System:

70-100% A (Excellent)
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50-59% C (Satisfactory)
40-49% D (Pass)
0-39% E (Fail)

Other Keys:

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Audited Unit
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NOTE: A Semester is a period of 16 weeks. A Unit of Study is one-hour lecture per week per semester or two hours of tutorials/seminars per semester or three hours of practical per week per semester.

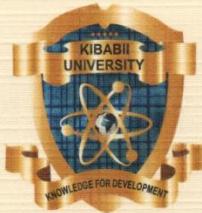
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Signed: 
REGISTRAR (ACADEMIC AFFAIRS)



23 JAN 2024

DATE



KIBU 0800502

KIBABII UNIVERSITY

This is to certify that

Mawia Jonathan Muthini

having satisfied all the requirements for the conferment of the Degree of

**BACHELOR OF SCIENCE
(COMPUTER SCIENCE)**

Second Class Honors (Upper Division)

was admitted to the Degree at a
congregation held at this University on the
Fifteenth Day of December in the year
Two Thousand and Twenty Three


Vice-Chancellor




Deputy Vice-Chancellor
(Academics and Students Affairs)

This result slip is not a certificate. The Kenya National Examinations Council reserves the right to correct the information given on result slips which will be confirmed by issue of certificates (See overleaf)



**THE KENYA NATIONAL EXAMINATIONS COUNCIL
EXAMINATION FOR THE KENYA CERTIFICATE OF SECONDARY
EDUCATION RESULT SLIP**

K.C.S.E

12343304/021 MAWIA JONATHAN MUTHIMI
SUBJECTS
101 ENGLISH
102 KISWAHILI
121 MATHEMATICS
231 BIOLOGY
232 PHYSICS
233 CHEMISTRY
313 CHRISTIAN RELIGIOUS EDUCATION
443 AGRICULTURE

12343304/021 KNEC 2010

GRADES

D- (PLAIN)
C- (MINUS)
B- (PLAIN)
B- (MINUS)
A- (PLAIN)
E- (PLAIN)
D- (PLAIN)
C- (PLAIN)
B- (PLAIN)
C- (PLAIN)
B- (MINUS)

SUBJECTS RECORDED WEIGHTS

MEAN GRADE C+ (PLUS) AGP = 52 DATE PRINTED :190108

K.C.S.E 2443570



ELDORET TECHNICAL TRAINING INSTITUTE (ETTI)

2ND & 3RD FLOOR PETRESHAH BUSINESS CENTRE or TELKOM HSE. or LODWAR OPPOSITE KMTC, BOMET ABOVE CO-OP BANK
Web: eldorettechnical.ac.ke
TEL 053 2060283/2060280
E-MAIL: eldtti@yahoo.com

Accredited by Ministry of Education



Mobile: 0725-818644 Or 0736 250144
P.O BOX 770 , 30100 ELDORET, KENYA
KNEC Centre Tech:509111,Bus: 509226

Ref No **MOHEST PC/1692/01.**

Our Ref: REC/11/22

TO WHOM IT MAY CONCERN:

RE: RECOMMENDATION FOR: JONATHAN MAWIA

This is to confirm that the person named was a staff of this institution on industrial attachment from September 2022- to- November 2022

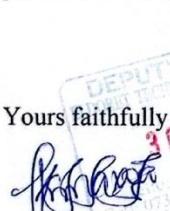
During this period, he demonstrated enthusiasm in his work, good team spirit and hard work.

He assisted in the **Information Communication Technology Department** in handling various tasks including the following;

- **Teaching Computer Application**
- **Computer maintenance and support**
- **Network Troubleshooting**
- **Help desk support on student portal**
- **Operating System and software Installation**

We appreciate any assistance accorded to him to help him further his career. For any clarification, please do not hesitate to contact the undersigned.

Yours faithfully,


30 NOV 2022
DEPUTY PRINCIPAL
Eldoret Technical Training Institute
Ce: 0736 250144 / 0725 818644
P.O Box 770-30100 ELDORET

DEPUTY PRINCIPAL

ELDORET TECHNICAL TRAINING INSTITUTE (ETTI)

Web: eldorettechnical.ac.ke
TEL 053 2060283/2060280
E-MAIL: eldorettechnical@gmail.com

Accredited by; TVETA



Mobile: 0725-818644 Or 0736 250144
P.O BOX 770 , 30100 ELDORET, KENYA
KNEC Centre Tech:509111,Bus: 509226

Reg. No: TVETA /PRIVATE/TVC/0093

Our Ref: REC/03/24

Your Ref:.....

TO WHOM IT MAY CONCERN

RE: JONATHAN MUTHINI MAWIA. ID NUMBER: 36652186

Its my pleasure to recommend Jonathan Muthini Mawia for Employment with your organization. I have known him for over one year during which time he worked at the Examination Office of the Institution where he prepared academic documents for students.

Jonathan also performed other duties in the institution which included the following:

- i. Teaching Computer Applications
- ii. Computer Maintenance and Support.
- iii. Network Troubleshooting
- iv. Help Desk Support on Student's portal.
- v. Operating Systems and other Software's Installation.

I have been consistently impressed with Jonathan's attitude and productivity during the time that has worked in the office.

He is both very bright and quite motivated. Iam confident that he will devote himself to a position with your Organization with high degree of diligence. He is quick leaner and has ability to digest large volume of information. Jonathan has demonstrated the ability to articulate information and ideas in both verbal and written forms.

I recommend him without reservation and confident that he will establish productive relationships, with your staff and constituents at large. Please let me know if you have need for additional information about

Jonathan.

Sincerely

PRINCIPAL.



Approved Centre: (a) Kenya National Examination Council (KNEC) (b) Institute of Commercial Management (ICM) (c) Kenya Nutritionists Dieticians Institute (KNDI), (d) Kenya Accountants Secretariats Examination Boards (KASNEB)- IMIS
An ideology for the betterment of humanity

The Kenya National Examinations Council



KENYA CERTIFICATE OF PRIMARY EDUCATION

KCPE

This is to certify that the candidate named below sat for the Kenya Certificate of Primary Education examination and qualified for the award of this certificate. The candidate attained the subject grades shown below.

NAME: MAWIA JONATHAN MUTHINI
SCHOOL: KIAMBANI

12343020/007
12343020

GRADE

ENGLISH LANGUAGE
KISWAHILI
MATHEMATICS
SCIENCE
SOCIAL STUDIES AND RELIGIOUS EDUCATION

C (PLAIN)
C+ (PLUS)
A- (MINUS)
B+ (PLUS)
B- (MINUS)

EXAMINATION OF 2013
PRINTED : 141022:12505515




Secretary
Kenya National Examinations Council


Chairman
Kenya National Examinations Council

This certificate was issued without any alteration whatsoever. See overleaf for grades and mark intervals.

KCPE /13 1106414





KENYA REVENUE
AUTHORITY

www.kra.go.ke

PIN Certificate

For General Tax Questions
Contact KRA Call Centre
Tel: +254 (020) 4999 999
Cell: +254(0711)099 999
Email: callcentre@kra.go.ke

Certificate Date : 30/01/2019

Personal Identification Number

A012991008M

This is to certify that taxpayer shown herein has been registered with Kenya Revenue Authority

Taxpayer Information

Taxpayer Name	JONATHAN MUTHINI MAWIA
Email Address	JONATHANMUTHINI2@GMAIL.COM

Registered Address

L.R. Number :	Building Kivaa
Street/Road	Kivaa
County :	Machakos
Tax Area	Masinga District
P. O. Box	76
	Station Embu
	Postal Code 01031

Tax Obligation(s) Registration

Sr. No.	Tax Obligation(s)	Effective From Date	Effective Till	Status
1	Income Tax - Resident Individual	30/01/2019	N.A.	Active

The above PIN must appear on all your tax invoices and correspondences with Kenya Revenue Authority. Your accounting end date is 31st December as per the provisions stated in the Income Tax Act unless a change has been approved by the Commissioner-Domestic Taxes Department. The status of Tax Obligation(s) with 'Dormant' status will automatically change to 'Active' on date mentioned in "Effective Till Date" or any transaction done during the period. This certificate

NATIONAL POLICE SERVICE

C. 24A



DIRECTORATE OF CRIMINAL INVESTIGATIONS

DIRECTORATE OF CRIMINAL INVESTIGATIONS HEADQUARTERS

P.O.Box 30036-00100 GPO

NAIROBI, KENYA

Ref. No. PCC-AAAHWPA2

Date: 12 February 2019

POLICE CLEARANCE CERTIFICATE

I hereby certify that the fingerprints recorded from

JONATHAN MUTHINI MAWIA

holder of ID No. **36652186** have been searched in Criminal Records Office's database
with/without previous record. The validity of the information on this certificate is as of the date
of issue.

REMARKS IN CASE OF PREVIOUS RECORD

OFFENCE(S): NIL

RESULTS OF TRIAL: NIL

DATE: NIL

This Certificate has been issued without any alteration or any erasure

(P.M. Ndunda)

For: Director, Directorate of Criminal Investigations

(P.T.O)

NOTE: This is a computer generated certificate, to verify the authenticity of this document, send DCI to 21546

