

Contact Information

Phone:0791933876

Email:thomassikanga@gmail.com

Education

2015-2019

Bachelor of Science in Computer Science
University of Kabianga

2011-2014

KCSE: Mean Grade B+
St. Caroli Lwanga Lutaso Secondary

2003 - 2010

325/500 marks
Sivilie Primary School.

SKILLS

SOFTWARE DEVELOPMENT

- Database design
- SQL
- Python, Java, PHP,C++, JavaScript, HTML,CSS
- Django
- React
- Android apps
- Git
- Laravel
- Restful APIs
- Bootstrap

DATA ANALYSIS

- Excel and Google sheets
- Pandas
- NumPy
- SciPy
- Matplotlib
- Jupyter Notebooks

Web Design

- Photoshop
- WordPress
- Wix

Technical Support

- Managing server.
- Troubleshooting
- Excellent communication.
- Windows, Linux and Mac operation systems
- Software Installation.
- Ticketing-Jira
- Network configuration and troubleshooting.

Thomas Sikanga Maungu : Bachelors in Computer Science

SOFTWARE DEVELOPER | TECHNICAL SUPPORT

Professional Summary

Skilled IT professional with expertise in applications development, and technical support. Proven track record in delivering innovative solutions and collaborating with cross-functional teams. Committed to staying current with industry trends and continuously enhancing skills.

Passionate about problem-solving and dedicated to exceptional service.

EXPERIENCE

December 2023 – Aug 2024: Equator Institute of Technology

Software Developer(Python, React)

- Develop and maintain college management system.
- Collaborate with teams to gather requirements and design user-friendly interfaces.
- Implement best coding practices for improved code quality.
- Participate in the full software development lifecycle.
- Utilize various python and Django frameworks to build scalable backend solutions.
- Troubleshoot and resolved software defects to enhance reliability.
- Train ICT students

04/10/2021- 04/10/2022: Damu Sasa Ltd

ICT Technical Support Engineer

- Trained users in various hospitals on adoption of damu-sasa bloos inventory management system.
- Assigned roles to users across various hospitals.
- Responded to system and hardware issues affecting users by providing solutions.
- Installed and maintained ICT equipment.
- Troubleshooted network issues across the entire organization

31/08/2020- 30/09/2021: Minnistry of ICT

Technical Support Intern

- Performed network installation and maintenance of network devices.
- Responded to technical issues affecting the users
- Maintained computers, printers, routers, servers and switches.

ACHIEVEMMENTS

- Development of Equator College Management System
- Development of Kenya Constituencies bursary application system. <https://bursary.pythonanywhere.com/>
- Development of Billboard android app with University of Kabianga team.

LINKS

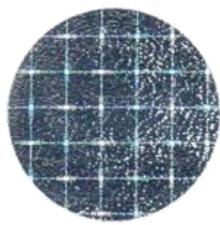
GitHub: <https://github.com/sikthomas?tab=repositories>

LinkedIn: <https://www.linkedin.com/in/thomas-maungu-6aab2b200/>

Referees

Patricia Njuguna
Admin : Equator College
Phone:0111341083

Aurah Sidney
Damu-Sasa Ltd
Phont:0702870778



078 0629

UNIVERSITY OF KABIANGA

Upon recommendation of Senate and on authority of the Council
hereby confers on

Thomas Sikanga Maungu

the degree of

**BACHELOR OF SCIENCE
(COMPUTER SCIENCE)**

Second Class Honours (Upper Division)

with all honours, rights and privileges appertaining thereto,

in witness whereof, we have affixed our signatures

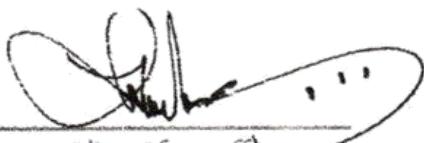
and the seal of the University

at a congregation held at this University

on the

8th day of November Two Thousand and Nineteen


Vice-Chancellor


Deputy Vice-Chancellor
(Academics & Student Affairs)



UNIVERSITY OF KABIANGA

ISO 9001:2008 CERTIFIED INSTITUTION

OFFICE OF THE REGISTRAR ACADEMIC

UNDERGRADUATE ACADEMIC TRANSCRIPT

STUDENT NAME: MAUNGU SIKANGA THOMAS
SCHOOL/FACULTY: SCHOOL OF SCIENCE & TECHNOLOGY
PROGRAMME: BSC. (COMPUTER SCIENCE)
ACADEMIC YEAR: 2015/2016 **YEAR OF**

REG. NO. COM/032/16

YEAR OF STUDY: I

SEMESTER: I, II

COURSE CODE	DESCRIPTIVE TITLE OF COURSE	UNITS	MARKS	GRADES
COM 110	INTRODUCTION TO COMPUTERS AND COMPUTING	3	70	A
COM 111	COMPUTER APPLICATIONS I	3	60	B
COM 113	MATHEMATICS FOR COMPUTER SCIENCE I	3	46	D
IRD 100	COMMUNICATION SKILLS I	3	80	A
IRD 101	QUANTITATIVE SKILLS I	3	65	B
IRD 103	DEVELOPMENT CONCEPTS AND APPLICATIONS	3	44	D
MAT 110	BASIC CALCULUS	3	64	B
PHY 110	BASIC PHYSICS I	4	68	B
COM 120	SYSTEM HARDWARE	3	69	B
COM 121	PROCEDURAL PROGRAMMING I	3	62	B
COM 123	MATHEMATICS FOR COMPUTER SCIENCE II	3	71	A
IRD 102	COMMUNICATION SKILLS II	3	75	A
MAT 111	GEOMETRY AND ELEMENTARY APPLIED MATHEMATICS	3	42	D
PHY 111	BASIC PHYSICS II	4	54	C

TOTAL NUMBER OF COURSES TAKEN [14] FOURTEEN
TOTAL NUMBER OF UNITS [44] FORTY FOUR

RESULT: PASS - 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) |

EXPLANATION OF COURSES

- 100 - 600 Undergraduate Courses
700 - 900 Post-graduate Courses

OTHER KEYS

- * Pass after Supplementary Examination
 - E Elective Course

NOTE: A Semester is a period of 16 Weeks.
A unit is equivalent to 1 contact hour per week
This Transcript is subject to approval by Senate

REGISTRAR ACADEMICO





UNIVERSITY OF KABIANGA

ISO 9001:2008 CERTIFIED INSTITUTION

OFFICE OF THE REGISTRAR ACADEMIC

UNDERGRADUATE ACADEMIC TRANSCRIPT

STUDENT NAME: MAUNGU SIKANGA THOMAS

REG. NO. COM/032/16

SCHOOL/FACULTY: SCHOOL OF SCIENCE AND TECHNOLOGY

PROGRAMME: BACHELOR OF SCIENCE (COMPUTER SCIENCE)

ACADEMIC YEAR: 2016/2017

YEAR OF STUDY: II

SEMESTER: I, II

COURSE CODE	DESCRIPTIVE TITLE OF COURSE	UNITS	MARKS	GRADES
COM 210	PROCEDURAL PROGRAMMING	3	60	B
COM 211	SYSTEM SOFTWARE	3	81	A
COM 212	DIGITAL ELECTRONICS I	3	82	A
COM 215	ELECTRICAL CIRCUITS	3	82	A
COM 216	INTERNET FUNDAMENTALS	3	44	D
COM 217	ELECTRONICS I	3	79	A
IRD 200	STATE, SOCIETY AND DEVELOPMENT	3	59	C
COM 220	SOFTWARE ENGINEERING I	3	68	B
CCM 221	COMPUTER ORGANIZATION	3	52	C
COM 222	INTERNET APPLICATIONS	3	64	B
COM 223	OPERATING SYSTEMS AND NETWORKS	3	58	C
COM 224	DATA STRUCTURES	3	88	A
PHY 210	ELECTRICITY AND MAGNETISM	3	65	B
STA 205	STATISTICS AND PROBABILITY	3	79	A

TOTAL NUMBER OF COURSES TAKEN [14] FOURTEEN

TOTAL NUMBER OF UNITS [42] FORTY TWO

RESULT: PASS - PROCEED TO THIRD 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)

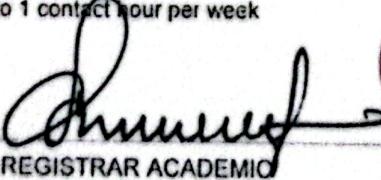
EXPLANATION OF COURSES

100 - 600 Undergraduate Courses
700 - 900 Post-graduate Courses

OTHER KEYS

- * Pass after Supplementary Examination
- E Elective Course

NOTE: A Semester is a period of 16 Weeks.
A unit is equivalent to 1 contact hour per week


REGISTRAR ACADEMIC



Thursday, May 31, 2018

DATE



UNIVERSITY OF KABIANGA

ISO 9001:2008 CERTIFIED INSTITUTION

OFFICE OF THE REGISTRAR ACADEMIC

UNDERGRADUATE ACADEMIC TRANSCRIPT

STUDENT NAME: MAUNGU SIKANGA THOMAS REG. NO. COM/032/16

SCHOOL/FACULTY: SCHOOL OF SCIENCE AND TECHNOLOGY

PROGRAMME: BACHELOR OF SCIENCE (COMPUTER SCIENCE)

ACADEMIC YEAR: 2017/2018

YEAR OF STUDY: III

SEMESTER: I, II

COURSE CODE	DESCRIPTIVE TITLE OF COURSE	UNITS	MARKS	GRADES
COM 310	COMPUTER ARCHITECTURE	3	61	B
COM 311	COMPUTER SCIENCE PROJECT I	3	73	A
COM 312	SOFTWARE ENGINEERING	3	66	B
COM 313	ELECTRONICS II	3	75	A
COM 315	ALGORITHMS	3	67	B
COM 317E	DATA COMMUNICATION AND COMPUTER NETWORKS	3	72	A
COM 318E	DATABASE SYSTEMS	3	75	A
COM 330	INTERMEDIATE HYPERTEXT MARKUP LANGUAGE	3	68	B
COM 320	DIGITAL SYSTEM DESIGN	3	65	B
COM 321	COMPILER DESIGN	3	60	B
COM 323E	INFORMATION SYSTEM SECURITY	3	64	B
COM 325E	COMPUTER APPLICATIONS II	3	71	A
COM 326	SOFTWARE DEVELOPMENT	3	82	A

TOTAL NUMBER OF COURSES TAKEN [13] THIRTEEN

TOTAL NUMBER OF UNITS [39] THIRTY NINE

RESULT: PASS - PROCEED TO FOURTH 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)



EXPLANATION OF COURSES

100 - 600 Undergraduate Courses
700 - 900 Post-graduate Courses

OTHER KEYS

- * Pass after Supplementary Examination
- E Elective Course

NOTE: A Semester is a period of 16 Weeks.
A unit is equivalent to 1 contact hour per week

REGISTRAR ACADEMIC

Thursday, January 10, 2019

DATE

Maungu



UNIVERSITY OF KABIANGA

ISO 9001:2008 CERTIFIED INSTITUTION

OFFICE OF THE REGISTRAR ACADEMIC

UNDERGRADUATE ACADEMIC TRANSCRIPT

STUDENT NAME: MAUNGU SIKANGA THOMAS

REG. NO. COM/032/16

SCHOOL/FACULTY: SCHOOL OF SCIENCE AND TECHNOLOGY

PROGRAMME: BACHELOR OF SCIENCE (COMPUTER SCIENCE)

ACADEMIC YEAR: 2018/2019

YEAR OF STUDY: IV

SEMESTER: I, II

COURSE CODE	DESCRIPTIVE TITLE OF COURSE	UNITS	MARKS	GRADES
COM 329	FIELD/INDUSTRIAL ATTACHMENT	6	75	A
COM 409E	DISTRIBUTED SYSTEMS	3	69	B
COM 410	USER INTERFACE DESIGN	3	55	C
COM 413	OBJECT ORIENTED PROGRAMMING	3	71	A
COM 415	HUMAN FACTORS IN COMPUTER AND INFORMATION SYSTEMS	3	63	B
COM 418E	EXPERT SYSTEMS	3	63	B
COM 419	COMPUTER SYSTEM DESIGN	3	57	C
COM 432E	DESIGN TECHNIQUES FOR WEB SITES	3	77	A
COM 421	ENGINEERING AND SOFTWARE LAW	3	58	C
COM 422	ELECTRONIC CIRCUITS AND MICROPROCESSORS	3	64	B
COM 423	COMPUTER SCIENCE PROJECT II	3	68	B
COM 424E	NEURAL NETWORKS	3	56	C
COM 425E	ADVANCED ARTIFICIAL INTELLIGENCE	3	51	C
COM 426	SIMULATION AND MODELING	3	62	B
COM 431E	HUMAN-COMPUTER INTERFACE DESIGN	3	68	B

TOTAL NUMBER OF COURSES TAKEN [15] FIFTEEN

TOTAL NUMBER OF UNITS [48] FORTY EIGHT

RESULT: PASS - QUALIFIED FOR THE AWARD OF BACHELOR OF SCIENCE (COMPUTER SCIENCE)

KEY TO GRADING SYSTEM

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

EXPLANATION OF COURSES

100 - 600 Undergraduate Courses
700 - 900 Post-graduate Courses

OTHER KEYS

- * Pass after Supplementary Examination
- E Elective Course

NOTE: A Semester is a period of 16 Weeks.
A unit is equivalent to 1 contact hour per week



REGISTRAR ACADEMIC

slam

Friday, August 23, 2019

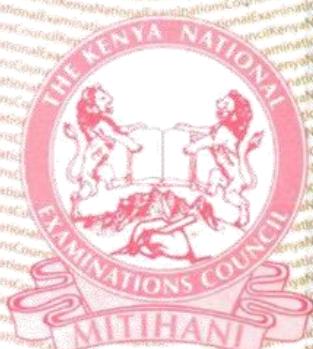
DATE

The Kenya National Examinations Council



KENYA CERTIFICATE OF SECONDARY EDUCATION

This is to certify that the candidate named below sat for the Kenya Certificate of Secondary Education examination in the subjects shown and attained the grades indicated.



37632107/001



NAME: MAUNGU SIKANGA THOMAS
ST. CAROLI LWANGA LUTASO SECONDARY SCHOOL

SUBJECT	GRADE
101 ENGLISH	B- (MINUS)
102 KISWAHILI	B- (MINUS)
121 MATHEMATICS	A- (MINUS)
231 BIOLOGY	A- (MINUS)
232 PHYSICS	B+ (PLUS)
233 CHEMISTRY	A- (MINUS)
312 GEOGRAPHY	B- (MINUS)
443 AGRICULTURE	A- (MINUS)

M1 37632107/001



SUBJECTS NAMED EIGHT MEAN GRADE B+ (PLUS)

EXAMINATION OF YEAR 2014

PRINTED : 150924:19085998

Chief Executive Officer
Kenya National Examinations Council

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BARAZA LA MITIHANI and the "ORIGINAL"
embedded thread can be seen through the paper.
Not valid without a hologram.

(See overleaf for conditions of issue)



Chairman
Kenya National Examinations Council

KCSE /14 1325803



JAMHURI YA KENYA

REPUBLIC OF KENYA

SERIAL NUMBER : 702890472



ID NUMBER : 35775360

FULL NAMES

THOMAS SIKANGA MAUNGU

DATE OF BIRTH

12. 12. 1998

SEX

MALE

DISTRICT OF BIRTH

NAVAKHOLO

PLACE OF ISSUE

HDM CBD

DATE OF ISSUE

30. 04. 2021

HOLDER'S SIGN.

T.S.



DISTRICT

NAVAKHOLO

DIVISION

NAVAKHOLO

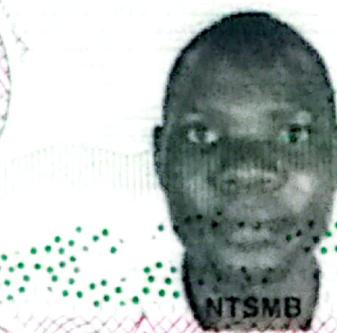
LOCATION

BUNYALA EAST

SUB-LOCATION

SIVILIE

PRINCIPAL REGISTRAR'S SIGN.



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THOMAS<SIKANGA<MAUNGU<<<<<<