RESUME

M UGOYA DIHFAHSIH

Email: dihfahsihm@gmail.com
Telephone: +256751612792
+256779839581

Address: Nabweru Nansana, Uganda
Date of birth: 15th October 1990
Nationality: Ugandan

Personal Summary

My name is Mugoya Dihfahsih, a Ugandan by birth aged 29 years, a graduate with a Bachelors Degree of Science in Software Engineering from Makerere University. Am an ambitious, highly innovative, creative and self-driven person.

The first time I wrote my first program was in December 2013 using C as a programming language and it was to print "Hello world!", when I compiled the code, it run without errors so I was excited with curiosity of learning more programming thus developing a coding culture in me.

A Software Engineer with thorough-hands on experience in all levels of system development (functional requirement gathering, analysis, design, testing and maintenance). Supportive and enthusiastic team player dedicated to streamlining processes and efficiently resolving project issues. Willing to take on ownership of a core component of a system.

Passionate at coding and learning new programming languages, devoted to technology and its features with an objective of becoming an Experienced as well as Skilled Software Engineer in the next 2 years. For more information about me, visit Personal website

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Academic Background

Year	Institution	Award
2013-2018	Makerere University	Bachelors of Science in Software Engineering.
2011-2012	Kawanda Secondary School	Uganda Advanced Certificate of Education (UACE)
2007-2010	Kawanda Secondary School	Uganda Certificate of Education (UCE)

For more on my academic background please visit My Academic Gallery

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Experience

An experienced software developer with skills in both front end and back end software development with current and stable stacks. I have developed several projects with some of the following stacks.

Front End Stacks
1. Django
2. React
3. Laravel
4. Flask
5. HTML 5 and CSS
6. JavaScript
7. Bootstrap

Back End Stacks

Python	
PHP	Firebase Database
Java	MySQL and SQLite

I have worked with the above programming stacks on several projects from which I have gained a lot of experience

Working Experience

1. **Inventory Management System.**
   Canon Innovations Ltd, I Was employed as a software developer in February 2019, a long side other two developers. I worked on the Inventory Management System, this system was developed using Stacks like Django Framework, Python, HTML5, CSS, Bootstrap, MySQL and JavaScript. This system helps the company to monitor its new stock as well as monitor the progress of the driver payments of the cars.

2. **Router Mobile App.** This is an on-demand Services App that helps people do a lot with only one app on their phone, I was one of the 3 developers at Canon innovations Ltd that developed this app which is on the play store Router Services - Client and Router Services - Provider. Developed using Android, Java, Firebase, JavaScript, NodeJs, Bootstrap and HTML5

3. **Multi School Management System.** This is a web-based system where parents, students and other school stake holders who access the system can sign up and then login to specific panels and view their own content, take necessary interactions with the school administration. This project is being developed using Django, JavaScript and Bootstrap.

4. **Online Cakes ordering system.** I developed this system for Eazi Cakes in which clients who accesses the website Eazi Cakes can make orders on the available cakes.

5. **WIMEA-ICT Weather Station Security System.** This was a final year project at Makerere University as a security measure of preventing vandalism and theft of weather station equipment especially solar panels. Details are found here.
   Many of the projects that I work on, I commit all the changes to both public and private repositories on my My GitHub account

Languages

1. English, Fluent at speech and written
2. Luganda, Fluent at speech and written
3. Lugisu, Fluent at Speech

Hobbies

1. Coding out of curiosity.
2. Attending daily evening church services.
3. Developing websites voluntarily.
4. Reading bible and Tech articles.
5. Preaching the Gospel and helping people turn back to God.

Social Media

1. Facebook
2. Twitter
3. LinkedIn
4. Instagram
5. YouTube
6. GitHub Repositories
7. Email Me
8. The Software Engineer
9. My Blog for Daily Tech Articles

References

1. Ainebyoona Patrick, CEO at Pamoja Uganda +256703245903

2. Pastor Joshua Zake, UCC Bwaise +256701614086

3. Muramuzi Ronald, CEO and Founder of Canon Innovations LTD +256 780313125

4. Katenda Enock, Software Engineer +256706106197

5. Kaddu Innocent, Software Developer +256706068966.

Academic Attachments

0133851

MAKERERE UNIVERSITY

Office of the Academic Registrar, P.O. Box 7062, Kampala, Uganda
Tel: +256-414-531830/533332 ● Fax: +256-414-534125 ● E-mail: ar@acadreg.mak.ac.ug ● Web: www.ar.mak.ac.ug

Academic Transcript
Undergraduate Programmes

NAME: MUGOYA Dihfahsih   **SEX:** Male   **NATIONALITY:** Ugandan

REG. No. 13/U/8422/EVE   **FIRST REGISTERED:** 2013   **HALL:** Mitchell

FACULTY: FCIT   **PROGRAM:** BSSE   **DATE OF BIRTH:** 15 Oct, 1990

Year :1   Academic Year :2013/2014   Semester 1

Course Code	Course Name	CU	Grade
BIS1100	FOUNDATIONS OF INFORMATION SYSTEMS	3.0	A
BIS1104	COMMUNICATION SKILLS FOR IT	4.0	B
BSE1106	PROBLEM SOLVING AND PROGRAMMING CONCEPTS	3.0	D+
CSC1100	COMPUTER LITERACY	4.0	A
CSC1107	STRUCTURED PROGRAMMING	3.0	D

GPA : 3.79   CGPA: 3.79

Year :1   Academic Year :2013/2014   Semester 2

Course Code	Course Name	CU	Grade
BIS1204	DATA & INFORMATION MANAGEMENT I	4.0	B
BIS1206	SYSTEM ANALYSIS AND DESIGN	4.0	A
BSE1206	SOFTWARE DEVELOPMENT PRINCIPLES	4.0	D
BSE1207	INTRODUCTION TO INTERNET PROGRAMMING	4.0	B
MTH2203	NUMERICAL ANALYSIS I	3.0	D

GPA : 3.47   CGPA: 3.63

Year :1   Academic Year :2013/2014   Recess Term

Course Code	Course Name	CU	Grade
BSE1302	PROFESSIONAL SOFTWARE ENGINEERING MINI PRACTICAL PROJECT I	5.0	C

GPA : 3.00   CGPA: 3.55

Year :2   Academic Year :2014/2015   Semester 1

Course Code	Course Name	CU	Grade
BSE2106	COMPUTER NETWORKS	4.0	B+
CSC1104	COMPUTER ORGANIZATION AND ARCHITECTURE	4.0	C
CSC2100	DATA STRUCTURES AND ALGORITHMS	4.0	C+ (RT)
CSC2114	ARTIFICIAL INTELLIGENCE	3.0	C
MTH3105	DISCRETE MATHEMATICS	3.0	B

GPA : 3.61   CGPA: 3.57

Year :2   Academic Year :2015/2016   Semester 2

Course Code	Course Name	CU	Grade
BSE2205	NETWORK APPLICATION DEVELOPMENT	4.0	C+
BSE2206	DATA COMMUNICATIONS	4.0	C
CSC1214	OBJECT ORIENTED PROGRAMMING	4.0	B+
CSC2200	OPERATING SYSTEMS	4.0	D+
MTH1203	CALCULUS 1	4.0	C

GPA : 3.30   CGPA: 3.50

Year :2   Academic Year :2015/2016   Recess Term

Course Code	Course Name	CU	Grade
BSE2301	PROFFESIONAL SOFTWARE ENGINEERING	5.0	B+

GPA : 4.50   CGPA: 3.56

Year :3   Academic Year :2016/2017   Semester 1

Course Code	Course Name	CU	Grade
BSE3102	OBJECT-ORIENTED SOFTWARE ENGINEERING	4.0	B+
BSE3103	REQUIREMENTS ENGINEERING	4.0	C
BSE3104	SOFTWARE METRICS	3.0	C+
BSE3105	SOFTWARE EVOLUTION	4.0	C+
CSC3119	USER INTERFACE DESIGN	4.0	A

GPA : 3.92   CGPA: 3.63

Year :3   Academic Year :2016/2017   Semester 2

Course Code	Course Name	CU	Grade
BIT2207	RESEARCH METHODOLOGY	3.0	B
BIT2208	SYSTEMS ADMINISTRATION	4.0	D+
BSE3201	SOFTWARE ARCHITECTURE	4.0	A
BSE3202	DISTRIBUTED SYSTEMS DEVELOPMENT	4.0	C+
BSE3203	OBJECT-ORIENTED PROGRAMMING	4.0	B

GPA : 3.79   CGPA: 3.65

Year :3   Academic Year :2016/2017   Recess Term

Course Code	Course Name	CU	Grade
BSE3301	INTERNSHIP	5.0	C+

GPA : 3.50   CGPA: 3.65

Year :4   Academic Year :2017/2018   Semester 1

Course Code	Course Name	CU	Grade
BAM2102	ENTREPRENEURSHIP PRINCIPLES	4.0	A
BIS3106	BUSINESS PROCESS MANAGEMENT	4.0	B
BSE4100	SOFTWARE ENGINEERING PROJECT 1	5.0	B
BSE4101	SOFTWARE RELIABILITY AND TESTING	4.0	B+

GPA : 4.35   CGPA: 3.73

Year :4   Academic Year :2017/2018   Semester 2

Course Code	Course Name	CU	Grade
BIT2209	IT LAW AND ETHICS	3.0	C+
BSE4200	SOFTWARE ENGINEERING PROJECT 11	5.0	A
BSE4201	SOFTWARE DESIGN PATTERNS	4.0	A
bse4202	SOFTWARE SECURITY	4.0	C+

GPA : 4.03   CGPA: 3.76

Minimum Graduation Load(CUs):120   Total Credit Units Accumulated: 160

Completion Date: May/June, 2018

Award: Bachelor of Science in Software Engineering

Class Of Award: Second Class Honours - Upper Division

- A Credit Unit (C.U) is One Contact Hour per Week per Semester or a series of Fifteen (15) Contact Hours.
- The length of a Semester is Seventeen (17) weeks, Two (2) of which are for Examinations.
- Transcripts issued after **April 2002** shall bear Photographs.

The Medium of Instruction is ENGLISH
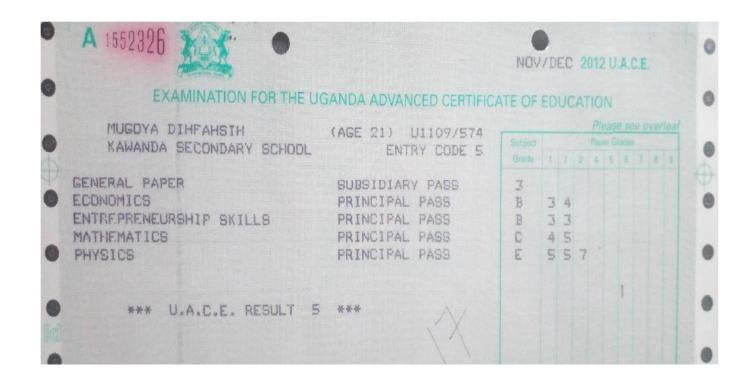
* (CP) - Conceded Pass

20191004241806

For Academic Registrar

18th April 2019

For Key to Grades and Remarks, See Reverse

A-Level Pass Slip

NOV/DEC 2012 U.A.C.E.

EXAMINATION FOR THE UGANDA ADVANCED CERTIFICATE OF EDUCATION

MUGOYA DIHFAHSIH   (AGE 21)   U1109/574

KAWANDA SECONDARY SCHOOL   ENTRY CODE 5

Please see overleaf

		Paper Grades								
Subject Grade		1	2	3	4	5	6	7	8	9

Subject	Result	Grade	Paper Grades
GENERAL PAPER	SUBSIDIARY PASS	3	
ECONOMICS	PRINCIPAL PASS	B	3 4
ENTREPRENEURSHIP SKILLS	PRINCIPAL PASS	B	3 3
MATHEMATICS	PRINCIPAL PASS	C	4 5
PHYSICS	PRINCIPAL PASS	E	5 5 7

*** U.A.C.E. RESULT 5 ***

O Level Pass Slip

EXAMINATION FOR THE UGANDA CERTIFICATE OF EDUCATION

MUGOYA DIHFAHSIH   (AGE 19)   U1109/058   ENTRY CODE 1

KAWANDA SECONDARY SCHOOL   P.O. BOX 26616 KAMPALA

	Subject	Grade	
1	ENGLISH	3	(THREE)
2	CHRISTIAN RELIG ED	2	(TWO)
2	HISTORY	1	(ONE)
2	GEOGRAPHY	2	(TWO)
4	MATHEMATICS	3	(THREE)
5	PHYSICS	4	(FOUR)
5	CHEMISTRY	3	(THREE)
5	BIOLOGY	3	(THREE)
8	COMMERCE	1	(ONE)
8	ENTREPRENEURSHIP SKILLS	2	(TWO)

GRADE AGGREGATE   17   *** RESULT 1 ***

1.