ST. MARY'S UNIVERSITY

OFFICE OF THE REGISTRAR

Temporary Certificate of Graduation

This is to certify that

Hiyab Hayclom Girmay



Computer Science

on July 21, 2023

with a national exit exam score of 52/100 (Pass)
and is thus entitled to all the rights and privileges thereof.
This temporary diploma has been given pending the printing and issuance

10 AUG 2023

Date



Associate Registrar at a galagran

Training Level: <u>Degree</u>
Faculty: <u>Informatics</u>

Department: Computer Science

Student's Full Name: Hiyab Hayelom Girmay

ST. MARY'S UNIVERSITY OFFICE OF THE REGISTRAR P.O.BOX 1211. ADDIS ABABA, ETHIOPIA STUDENT'S ACADEMIC RECORD

Student ID: RCD/1271/2012

Admission Classification: Regular

Status: Graduate

Degree Award Date: July 21, 2023
Medium of Instruction: English

Date of Birth: 21/05/2001 (13/09/1993 E.C.)

| 1 0 | Academic Year 2022 (2014 E.C.) Semester III | | | | | Academic Year 2022/2023 (2015 E.C.) Sem | ster I | 1 12 | | |
|----------------|--|----------|---------|---------|--------------|--|-------------|---------|-------|--------|
| Course No. | Course Title | Cr.Hrs | Grade | Gr.Pts. | Course No. | Academic Year 2022/2023 (2015 E.C.) Sem Course Title Compiler Design Elective I Introduction to Algorithms Introduction to Artificial Intelligence | 200 | Cr.Hrs | Grade | Gr.Pt |
| CoSc 3123 In | nternship | 2 | Α | 8 | CoSc 4103 | Compiler Design | Co. | 4 | В | 12 |
| 34 | | 2 | | 8 | CoSc XXXX | Elective I | | 3 | B- | 8.25 |
| | | | | | CoSc 3091 | Introduction to Algorithms | 1 | 3 | B+ | 10.5 |
| | | | | | CoSc 4114 | Introduction to Artificial Intelligence | | 4 | B+ | 14 |
| | | | | | CoSc 4134 | Selected Topics in Computer Science | | 3 | A- | 11.2 |
| | | | | | CoSc 4125 | Senior Project I | | 3 | A+ | 12 |
| | | | | | | | | 20 | | 68 |
| | | emester | GPA | 4.00 | | - 0 | Sem | ester (| GPA | 3.40 |
| | · / C | umulativ | e GPA | 2.85 | | | Cum | ulative | e GPA | 2.93 |
| | Academic Year 2023 (2015 E.C.) Semester IJ | Ob. | 4 | | | | | | | |
| Course No. | Course Title | | r.Hrs | Grade C | Gr.Pts. | | | | | 57 |
| CoSc 4132 | Comprehensive Degree Exit Exam | 1 | 3 | P | | | | | | |
| CoSc 3072 | Computer Graphics | | 3 | В | 9 | | | | | |
| CoSc XXXXX | Elective II | | 3 | B+ | 10.5 | | | | | |
| CoSc 4126 | Senior Project II | | 3 | Α | 12 | | 10 | | | |
| MATH 2081 | Numerical Analysis | | 3 | C+ | 7.5 | | | | | |
| CoSc4035 | Computer and Network Security | | 3 | B+ | 10.5 | | | | | |
| HiEH 1012 | History of Ethiopia and the Horn | | 3 | C+ | 7.5 | | | | | |
| | | | 18 | | 57 | | | | | |
| | | | ester (| | 3.17 | | | | | |
| | | | | GPA | | | | | | |
| | | | Major | GPA | 3.02 | | | | | |
| . 2 | National Higher Education Exit Exam Result | | | | _ | | | | | |
| Exam Date | Result(100%) | | | Status | | | | | | |
| July, 2023 | 52 | | | PASS | | | | | _ | |
| Repeated as in | 쓰는 보통한 경험 경험을 보는 것이 되었다. 그런 그는 그는 그는 그는 그는 그는 그를 보는 그를 보는 그를 보는 것이다. | | | | | | | | | |
| | : A=4, A=3.67, B=3.33, B=3, B=2.67, C+=2.33, C=2, C=1.67 | | | | 67, F=0, WF= | =0 ('+' and '-' are given value as of 2000 E.C. Sem. I and 2 | 2001 E.C. K | iremt | respe | ctivel |
| THE TRANSO | CRIPT IS OFFICIAL WHEN SIGNED AND SEALED BY T | HE REGI | STRA | R | | | | | | |
| Date of Issue: | 10 100 | | | | | Registrar: | | | , | 1 |

Training Level: Degree

Faculty: Informatics

Department: Computer Science

ST. MARY'S UNIVERSITY OFFICE OF THE REGISTRAR

P.O.BOX 1211. ADDIS ABABA, ETHIOPIA

STUDENT'S ACADEMIC RECORD

Admission Classification: Regular

Status: Graduate

Degree Award Date: July 21, 2023

Medium of Instruction: English

| tudent's Fu | dl Name: Hiyab Hayelom Girmay | S | tuden | t ID: R | CD/1271/201 | The state of the s | | E.C.) | | |
|-------------|--|----------|-------|---------|-------------|--|-------|----------|-------|-----|
| | Academic Year 2019/2020 (2012 E.C.) Semester I | | | | | Academic Year 2020 (2012 E.C.) Semeste | | | | |
| Course No. | Course Title | Cr.Hrs | Grade | Gr.Pts. | Course No. | Course Title | | :Hrs G | | - |
| CoSc - 201 | Introduction to Computing Science | 4 | C | 8 | Flen 102 | Communicative English Language Skills II | 2/ | 3 | B- | 8.0 |
| Flen 101 | Communicative English Language Skill I | 3 | В | 9 | Psyc 1011 | General Psychology | | 3 | B+ | 9.9 |
| Econ 1011 | Economics | 3 | C | 6 | LoCT1011 | Logic and Critical Thinking | | 3 | В | 9 |
| Math 1011 | Mathematics for Natural Science | 3 | В | 9 | CoSc - 212 | Programming Fundamentals I | | 3 | В | 9 |
| MCiE 1012 | Moral and Civic Education | 2 | A | 8 | EmTe1012 | Introduction to Emerging Technologies | | 3 | В | 9 |
| Anth1012 | Social Anthropology | 2 | A- | 7.34 | | · · · · · · · · · · · · · · · · · · · | | 15 | | 4 |
| | | 17 | 1 | 47.34 | 5 | | | | | |
| | Se | mester | GPA | 2.78 | | 1 1 | Semes | ter Gl | PA | 3. |
| | Cu | mulativ | e GPA | 2.78 | | | Cumul | ative (| GPA | 2. |
| | Academic Year 2020/2021 (2013 E.C.) Semester I | | | | | Academic Year 2021 (2013 E.C.) Semest | er II | 4 6 90 | | |
| Course No. | Course Title | Cr.Hrs | Grade | Gr.Pts. | Course No. | Course Title | . Cı | .Hrs G | irade | Gr. |
| Math 161 | Calculus I | 4 | B- | 10.68 | CoSc341 | Computer Architecture and Organization | | 3 | C | |
| CoSc 283 | Data Communication and Computer Networks | 3 | C+ | 6.99 | INTE 351 | Fundamentals of Database Systems | | 4 | B- | 10 |
| Cosc. 243 | Digital Electronics and Logic Design | 3 | B- | 8.01 | Math-275 | Introduction to Statistics and Probability Theory | | 3 | C | |
| GeES1011 | Geography of Ethiopia and the Horn | 3 | В | 9 | CoSc 371 | Software Engineering | | 4 | B+ | 13 |
| CoSc 311 | Programming Fundamentals II | 3 | В | 9 | GITr1012 | Global Trends | 1 | 2 | A | |
| Math 393 | Discrete Mathematics and Combinatorics | 3 | C | 6 | Math 122 | Linear Algebra | | 3 | C+ | 6. |
| InEd-1012 | Inclusion in Education and Development | 2 | Α | 8 | | | | 19 | | 50 |
| | X. | 21 | | 57.68 | | | | | | |
| | Se | emester | GPA | 2.75 | | | Semes | | | 2. |
| | / A Cu | mulativ | e GPA | 2.83 | | | Cumul | ative (| GPA | 2. |
| | Academic Year 2021/2022 (2014 E.C.) Semester 1 | | | | | Academic Year 2022 (2014 E.C.) Semest | | | | _ |
| Course No. | Course Title | Cr.Hrs | | Gr.Pts | | Course Title | C | r.Hrs C | | _ |
| CoSc 2042 | Advanced Database Systems | 4 | B+ | 13.32 | CoSc 3102 | Automata and Complexity Theory | | | B+ | 9. |
| CoSc 2092 | Data Structure and Algorithm Analysis | 4 | C+ | 9.32 | CoSc 3082 | Internet Programming II | | _ | B- | 8. |
| CoSc 3101 | Internet Programming I | 3 | C+ | 6.99 | CoSc 3022 | Operating Systems Principles and Design | | 4 | B- | 10 |
| CoSc 3025 | Machine Organization and Assembly Language 🧬 🧳 | 2 | B- | 5.34 | SpSc 1011 | Physical Fitness | 777 | 2 | P | |
| CoSc 4035 | Network and System Administration | 3 | В | 9 | CoSc 3054 | Rapid Application Development | | 4 | В | |
| CoSc 3053 | Object-Oriented Programming | 4 | В | 12 | CoSc 3122 | Research Methods in Computer Science | | 2 | A- | 7. |
| | | 20 | - | 55.97 | MgMt 1013 | Entrepreneurship and Business Development | | 3 | В | |
| | | | | | 24 | *1.15.6 | | 19 | | 57 |
| | Se | emester | GPA | 2.80 | | | Seme | ster G | PA | 3 |
| | C. | ımulativ | CD | 2 70 | | | Cumu | latina ! | CDA | 3 |







THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA MINISTRY OF EDUCATION NATIONAL EDUCATIONAL ASSESSMENT AND EXAMINATIONS AGENCY (NEAEA)

The Ethiopian University Entrance Examination Certificate

This is to certify that _____ HIYAB HAYELOM GIRMAY

| has taken 7 (SEVEN) subject | | subject(s) in the | 2019 (2011 E.C.) | mode national property and persons of the con- ception of the conference of the con- enced conference of the con- |
|-----------------------------|---|-------------------|------------------|---|
| Examination | session and has earned th | 7 (SEVEN) | subject(s) | |
| | | English | 51 | |
| | | Maths (Natural) | 23 | |
| | at a little single has a same | Aptitude | 58 | |
| | A THE CONTRACT OF THE CONTRACT | Physics | 38 | |
| | enthe attention of the control of th | Chemistry | 35 | |
| | A STATE OF THE STA | Biology | 39 | |
| | | Civics | 61 | |
| | man AK A 1000 Story House by Fritzen out from 1 Small register, and a series of the series of the office of the professional series of the series of the control of the series of the series of the series of the control of the series of the series of the series of the series of the control of the series of the seri | | | |
| | | TOTAL | 305 | |

Araya G Egziabher Mehari DIRECTOR GENERAL



Zerihun Duressa
DEPUTY DIRECTOR GENERAL

JULY 2019 (HAMLE 2011 E.C.)

This certificate is invalid unless it bears the NEAEA seal on the Photograph of the candidate.







THE FEDERAL DEMOCRATIC K **ETHIOPIA** MINISTRY OF EDUCAT NATIONAL EDUCATIONAL ASSESSMENTAN AGENCY (NEAEA

The Ethiopian General Secondary Education Certificate

| This is to cert | ify that | HIYAB HAYELOM GIRM | IAY | State of the state |
|--|-----------------------|--|---|--|
| has taken | 9 (NINE) | subject(s) in the | 2017 (2009 E.C.) |) |
| Examination s | session and has earne | ed the following grade(s) in | 9 (NINE) | subject(s) |
| | Amharic | And the first of the control of the | Biology | В |
| | English | man of the composition of the co | Civies | В |
| | Maths | C | Geography | . C |
| | Physics | D | History | D |
| | Chemistry | autor difficulti function must consider a depoyal entitle at misse all facilities and must be made a facilities and a second entitle at misses, and the facilities are also also provide a second entitle at misses and entitle and a second entitle and a second entitle at misses and entitle and a second entitle and a second entitle at misses and entitle and a second entitle and a second entitle at a second entitle and a second entitle and a second entitle at a second entitle and a second entitle and a second entitle at a second entitle and a second entitle and a second entitle at a second entitle and a second entitle and a second entitle at a second entitle and a second entitle and a second entitle at a second entitle and a second entitle and a second entitle at a sec | | public entraplication for the state of the considerable considerable of the about off public considerable of the about off in public considerable of the about off public considerable of the about off the about off in public considerable of the about off the about off |
| | | The second of the state of the second of the | It is pears committee without a second or formed the least professionated according to the attention and anti- tion pears for more about a perfect of the second or the open former of Second or Education and the second or an open former of Second or Education and the second or the second or experience of the second or t | |
| Course Secondary Solid and the Secondary Solid Mark to the to course Secondary Voltage of the total and the country Voltage of the total and total and the country Voltage of the total and total and total and total and total and total | | The art that the place may be not by the start of the sta | the purpose of Section 1 to a control of the late of the of t | Property of the Control of the Contr |

By virtue of which, this certificate is awarded, with



DIRECTOR GENERAL



AUGUST 2017 (2009 E.C.) DEPUTY DIRECTOR GENERA

rihun Duressa

Distinction

Great Distinction

Very Great Distinction abov

This certificate is invalid unless it bears the NEAEA seal on the Photograph of the candidate.





Reg. No: 1049548342

ADDIS ABABA CITY GOVERNMENT EDUCATION BUREAU Primary School Leaving Certificate Examination

This is to certify that HIYAB HAYELOM GIRMAY
has taken Primary School Leaving Certificate Examination (Grade 8) in the
Examination year 2007 E.C. (2015) in the Nifas Silk
Sub City in Mekdela School
and earned the following scores:

| Amharic | voida Ababa Primary School Leaving Certificate Examination ramin 50 Addis Ababa Primary School Leaving Certificate log Ce50 te Examination Addis Ababa Primary School ramary School Leaving Certificate Examination Addis Ababa | Physics Physics 25 | 3 |
|-------------|---|----------------------------------|---|
| English | Adda Ababa Primary School Leaving Certificate Examination Examin 46 Addis Ababa Primary School Leaving Certificate ing Certificate Examination Addis Ababa Primary School | Chemistry 2 | 1 |
| Mathematics | imary School Leaving Certificate Examination Addis Ababa Addis A118 Primary School Leaving Certificate Examination Examination Addis Ababa Primary School Leaving Certificate | Social Studies 3 | 2 |
| Biology | ing Certificate Examination Addis Ababa Primary School Imary 32cl Leaving Certificate Examination Addis Ababa Iddis Ababa Primary School Leaving Certificate Examination | Civics aving Certificate Examp 5 | 4 |

Average mark 60%
Percentile 78.2
Remark Pass

Dilamo Otore Ferenje

Head, Addis Ababa Education Bureau

Meresa Abraha Berhe

Head, Educational Research, Assessment and Test Development