

# CURRICULUM VITAE

Full name: **Natnael Girma Ayano**

Date of birth: 2, October 1998

Address: Addis Ababa, Ethiopia

Email: [natnaelgirma007@gmail.com](mailto:natnaelgirma007@gmail.com)

Phone number: +2519222972119

## PERSONAL BACKGROUND

Recent Computer Science graduate with progressive experience of writing code and designing solutions. Seeking a challenging role as a software engineer or network administrator. Entry-level software developer with strong work ethic. Quick learner with exceptional communication abilities. My hobbies include solving puzzles and creating algorithms to solve problems. I am well-versed in computer networks, data structures and algorithms, as well as programming experience.

## EDUCATION

**October 2017 – 2021**

BSc. In Computer Science, St. Mary's University

## EXPERIENCE

**2021 May – September**

### Senior Project

Designed multi-purpose Ecommerce website for Shoa Supermarket to complete Senior project requirement (project Leader).

**2020 March – April**

### Internship

Worked on human resource management system in St. Mary's University for 6 months as an internship requirement.

**2019 January – April**

**Dashen Bank S.C – Marketing**

Worked as a marketer for Amole (an Omni channel payment and commerce platform provided by Dashen Bank to its esteemed customer.) by persuading clients to become members of the company.

**SKILLS**

- HTML, CSS, JavaScript, Bootstrap, Tailwind, C++, C#, Java, PHP, Python
- MySQL, and SQLite database management system
- Software designing and architecture (Software Engineering)
- Front-End web development and UI/UX design
- Linux/Unix system and its terminal
- Strong fundamentals in data structures and algorithms
- Knowledgeable in computer networks
- Mathematics and logic
- Good communication and writing skill

**LANGUAGES**

- Amharic – Native
- English – Fluent

**CERTIFICATES/AWARDED**

- ❖ Final round participant of African hackathon competition  
Certification was issued on: July 2021  
Role: team leader
- ❖ Certificate of participation in the Ethiopia Hacks 11.0. Got 2<sup>nd</sup> place in the competition out of 13 participants  
Issued by: United States Embassy in the Ethiopia, Addis Ababa  
Certification was issued on: December 2020

**REFERENCES**

Hafte Abera (PHD candidate), Instructor in Addis Ababa University and St. Mary's University, [hafte.abera@aau.edu.et](mailto:hafte.abera@aau.edu.et).

Mr. Mesfin Fantaye, Instructor in St. Mary's University, [mesfin\\_fantaye@smuc.edu.et](mailto:mesfin_fantaye@smuc.edu.et)

# ST. MARY'S UNIVERSITY

## OFFICE OF THE REGISTRAR

### *Temporary Certificate of Graduation*

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ዓ.ክር.ለ.ተ.

*This is to certify that*

**Natnael Girma Ayano**

*Graduated from St. Mary's University  
with Bachelor of Science Degree in*

**Computer Science**

*on October 08, 2021*

**SMU**



*and is thus entitled to all the rights and privileges thereof.*

*This temporary diploma has been given pending the printing and issuance  
of the actual diploma.*

26 OCT 2021

Date



*Fisseha Tesfaye*  
Associate Registrar  
Registrar

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 TRANSCRIPT

Admission Classification: Regular  
Status: Graduate  
Diploma Awarded Date: October 08, 2021  
Medium of Instruction: English

Student Name: NATNAEL GIRMA AYANO					ID.No. RCD/1243/2010	Sex: M	Date of Birth: 22/11/1991 E.C		
Academic Year 2010 (2017-2018) Semester I					Academic Year 2010 (2018) Semester II				
Course No.	Course Title	Cr.Hrs	Grade	Gr.Pts.	Course No.	Course Title	Cr.Hrs	Grade	Gr.Pts.
Cwi-101	Civic and Ethical Education	3	B+	9.99	CoSc-212	Programming Fundamentals I	4	A	16
CoSc-201	Introduction to Computing Science	3	B-	8.01	CoSc-283	Data Communication and Computer Networks	3	C	6
Enl-201	Communicative English Skills	3	C+	6.99	CoSc-243	Digital Electronics and Logic Design	3	C	6
Logi 101	Introduction to Logic	3	B-	8.01	Enl-202	Basic Writing Skills	3	C+	6.99
Math 231	Applied Mathematics I	4	B	12	Math 232	Applied Mathematics II	4	D-	2.68
		16	45				17	37.67	
Semester GPA				2.81	Semester GPA				2.22
Cumulative GPA				2.81	Cumulative GPA				2.51
Academic Year 2010 (2018) Semester III					Academic Year 2011 (2018-2019) Semester I				
Course No.	Course Title	Cr.Hrs	Grade	Gr.Pts.	Course No.	Course Title	Cr.Hrs	Grade	Gr.Pts.
Enl-301	Advanced Technical Writing	3	C	6	CoSc- 371	Fundamentals of Software Engineering	3	C+	6.99
Math-275	Introduction to Statistics and Probability Theory	3	C	6	CoSc-311	Programming Fundamentals II	3	A	12
		6	12		CoSc341	Computer Architecture and Organization	3	B-	8.01
					INTE 351	Fundamentals of Database Systems	4	B	12
					Math 353	Discrete Mathematics and Combinatorics	3	B-	8.01
							16	47.01	
Semester GPA				2.00	Semester GPA				2.94
Cumulative GPA				2.43	Cumulative GPA				2.58
Academic Year 2011 (2019) Semester II					Academic Year 2011 (2019) Semester III				
Course No.	Course Title	Cr.Hrs	Grade	Gr.Pts.	Course No.	Course Title	Cr.Hrs	Grade	Gr.Pts.
CoSc-324	Data Structure and Algorithm Analysis	4	A	16	CoSc-303	Theory of Algorithm	3	A	12
CoSc-373	Object Oriented Software Engineering	3	B-	8.01	Math-330	Numerical Analysis	3	B	9
CoSc-362	Object-Oriented Programming	4	A-	14.68			6	21	
CoSc-342	Machine Organization and Assembly Language	2	B-	5.34					
Math 351	Optimization Theory	3	C+	6.99					
		16	51.02						
Semester GPA				3.19	Semester GPA				3.50
Cumulative GPA				2.71	Cumulative GPA				2.78



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**Faculty:** Informatics  
**Department:** Computer Science  
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**STUDENT'S TRANSCRIPT**  
**Admission Classification:** Regular  
**Status:** Graduate  
**Diploma Awarded Date:** October 08, 2021  
**Medium of Instruction:** English

**Student Name:** NATNAEL GIRMA AYANO  
**ID.No.** RCD/1243/2010  
**Sex:** M  
**Date of Birth:** 22/1/1991 E.C.

Academic Year 2012 (2019-2020) Semester I				Academic Year 2012 (2020) Semester II			
Course No.	Course Title	Cr.Hrs	Grade	Course No.	Course Title	Cr.Hrs	Grade
CoSc-461	Operating Systems Principles and Design	4	C	CoSc-412	Introduction to Artificial Intelligence	4	A-
CoSc-461	Advanced Object-Oriented Programming	4	A+	CoSc-452	Formal Language Theory	3	C+
CoSc-481	Network and System Administration	3	B-	CoSc-401	Software Project Management	3	C
INSY-332	Internet Programming I	3	A	INSY-431	Internet Programming II	3	A
INTE-451	Advanced Database Systems	4	A	INTE-440	UNIX System Administration and Support	3	A
		18	60.01	Mgmt-421	Entrepreneurship and Small Business Management	3	C
<b>Semester GPA 3.33</b>				<b>Semester GPA 3.04</b>			
<b>Cumulative GPA 2.88</b>				<b>Cumulative GPA 2.91</b>			

Academic Year 2013 (2020-2021) Semester I				Academic Year 2013 (2021) Semester II			
Course No.	Course Title	Cr.Hrs	Grade	Course No.	Course Title	Cr.Hrs	Grade
CoSc-551	Compiler Design	4	E	CoSc-502	Comprehensive Degree Exit Exam	3	P
CoSc-551	Compiler Design	4	+C	CoSc-582	Computer Systems and Network Security	3	A
CoSc-562	Internship	3	A	CoSc-592	Senior Project II	3	A
CoSc-571	Rapid Application Development	4	B-	CoSc-582	Programming Workshop	3	C+
CoSc-591	Senior Project I	2	A-	INTE-454	Introduction to Multimedia Systems	3	C+
CoSc-461	Computer Graphics	3	B+			12	37.98
		20	56.01				
<b>Semester GPA 2.80</b>				<b>Semester GPA 3.17</b>			
<b>Cumulative GPA 2.92</b>				<b>Cumulative GPA 2.94</b>			
				<b>Major GPA 3.16</b>			

**Grading System:** A+, A= Excellent, A-, B+= Very Good, B, B-= Good, C+, C= Fair, C-, D+, D= Unsatisfactory, D-, F= Fail, P= Pass, WF= Withdraw Failing, I= Incomplete, NG= No Grade, + = Course Repeated as in +C, +D...

**Grade Points:** A=4, A-=3.67, B+=3.33, B=3, B-=2.67, C+=2.33, C=2, C-=1.67, D+=1.33, D=1, D-=0.67, F=0, WF=0 ('+' and '-') are given value as of 2000 E.C. Sem. I and 2001 E.C. Kiremt respectively).

**THE TRANSCRIPT IS OFFICIAL WHEN SIGNED AND SEALED BY THE REGISTRAR**

**Date of Issue:** 26 OCT 2021

**Registrar:**

Student Copy