

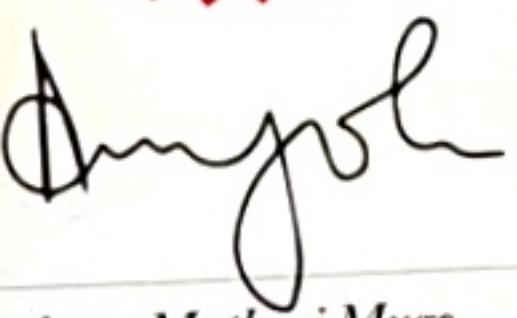
# Tan Sri Limkokwing Award *for* CREATIVITY & INNOVATION

*is presented to*

*Abubakarr Bangura*

*for exemplary performance in strategising and application of extraordinary creative and innovative discipline in project ideation and outcomes.*



A handwritten signature in black ink, appearing to read "Agnes Muthoni Mugo".

*Agnes Muthoni Mugo*  
Campus Director  
Limkokwing University of Creative Technology, Sierra Leone

11 February 2023

*Official recognitions of Limkokwing University Malaysia by the Government of Malaysia*

University of Innovation • University of Transformation • University of Digital Innovation • University of Societal Innovation

The Global University of Malaysia • The Global University of Malaysia • University of Universal Peace and Harmony

Member of Global Academic Impact • Commonwealth Youth Centre for Innovation • Commonwealth Youth Leadership University



ASIA

AFRICA



EUROPE





# MULTI-NATIONAL MULTI-CULTURAL DIVERSITY & CREATIVITY

SLBSEM20230211/009

*It is hereby certified that*

Abubakarr Bangura

*is awarded*

## *B.Sc (Hons) in Software Engineering with Multimedia*

*for having completed the prescribed curriculum and assessments and upon the recommendation of the Senate has, on this day, been conferred with this award.*

*The University's distinctive learning experience with emphasis on innovation, creativity, smart technology usage and multicultural understanding has been achieved and the recipient is empowered and equipped for leadership roles.*



Agnes Muthoni Mugo

Campus Director

Limkokwing University of Creative Technology, Sierra Leone

John Tamba Sesay

Registrar

Limkokwing University of Creative Technology, Sierra Leone

11 February 2023



— SIERRA LEONE —

*A Member University of Limkokwing University of Creative Technology Worldwide*



AFRICA



ASIA



EUROPE





**University of Transformation • University of Innovation**  
with the Government of Malaysia

**Double recognition by the Government of Malaysia**  
July 2016

University of Information & Communication Technology		Double recognition by the Government of Malaysia
Student Name	Abubakarr Bangura	Date of Admission
Student ID	905001201	Date of Completion
IC / Passport No.	SL00333053	Programme
Gender	Male	Faculty
Nationality	Sierra Leonean	Issued Date

Code	Module Name	Credit	Grade	Code	Module Name	Credit	Grade
Semester 01 (July 2016)				DGRAP101	Semester 05 (October 2018)	3	B
SCM1013	Civic Education	3	B+	Computer Graphics 1	4	A-	
CRET101	Creative & Innovation Studies	3	A-	DCOMP218	Data Communications & Networking	3	A-
DFREN224	French Language 1	3	A+	DCOMP320	Data Structures & Algorithm Analysis	4	B+
COMM108	Introduction to Communication & Study Skills	3	B+	DTECH206	Human Computer Interaction	4	B+
COMP101	Introduction to Computer Skills	3	A-	COMP217	System Analysis & Design	4	B+
PROG101	Principles of Programming Logic & Design	3	B	DPROG207	Web Programming Techniques	4	A
GPA : 3.78	Credits Earned : 18			GPA : 3.79	Credits Earned : 22		
CGPA : 3.78	Cumulative Credits : 18			CGPA : 3.75	Cumulative Credits : **100		
Semester 02 (January 2017)				DANIM114	Semester 06 (April 2019)	3	B+
MATH108	Computerized Mathematics	3	B+	Animation Studies 1	2	B+	
COMP105	Introduction to Data Communication	4	B	DBUSS205	Fundamentals of Entrepreneurship	4	A-
COMP102	Introduction to Databases	4	B+	DMULT221	Interactive Multimedia	3	B+
MULT201	Introduction to Multimedia	3	B+	DLAW207	IT Intellectual Property Rights and Ethics	4	B
PROG102	Principles of Software Engineering	3	A-	COMP318	IT Project Management	3	B-
PROG103	Principles of Structured Programming	3	A-	MAT303	Research Methodology	19	
GPA : 3.70	Credits Earned : 20			GPA : 3.56	Credits Earned : 19		
CGPA : 3.74	Cumulative Credits : 38			CGPA : 3.72	Cumulative Credits : **119		
Semester 03 (August 2017)				DMULT223	Semester 07 (September 2021)	4	A-
COMM231	Communication in the New Economy	2	A	Character Animation	4	A+	
DCOMP114	Database Systems	4	A-	DMULT222	Digital Production	4	A-
DTECH102	Fundamentals of Computer Systems	3	A-	DMULT 221	Interactive Multimedia	4	A-
MULT111	Introduction to Digital Imaging	3	A	DPROJ301	Research Project	4	A+
PROG211	Object Oriented Programming Methods 1	3	B+	DCOMP343	Software Testing & Reliability	3	C+
PROG202	Software Engineering	4	A	DTECH307	Virtual Reality	4	A-
GPA : 3.95	Credits Earned : 19			GPA : 3.83	Credits Earned : 23		
CGPA : 3.81	Cumulative Credits : 57			CGPA : 3.74	Cumulative Credits : **142		
Semester 04 (January 2018)				DINTR302	Semester 08 (March 2022)	6	A+
VIDE103	Introduction to Video Technology	3	B	Internship Report	9	A	
MULT315	Multimedia Authoring	3	C+	DINTR301	Practical Internship		
PROG315	Object Oriented Programming Methods 2	4	B+				
MATH303	Probability & Statistics	4	A+				
SOUD209	Sound Production	3	B				
DCOMP204	Web Design 1	4	A-				
GPA : 3.56	Credits Earned : 21			GPA : 4.00	Credits Earned : 15		
CGPA : 3.74	Cumulative Credits : 78			CGPA : 3.76	Cumulative Credits : **157		



Member of The Association of Commonwealth Universities • Association of African Universities (AAU)  
• Association of Universities of Asia and the Pacific (AUAP)

~~Limkokwing International University of Technology & Science~~  
Limkokwing Sierra Leone: 51 Regent Road, Hill Station • Freetown Tel: 079625074/078330378/078242640  
~~Malaysia • United Kingdom • China • Cambodia • Indonesia • Botswana • Lesotho • Swaziland • Sierra Leone • Yemen • India • Sri Lanka • Brunei~~



**University of Transformation • University of Innovation**  
*Double recognition by the Government of Malaysia*

4<sup>th</sup> January, 2023.

## To whom it may concern

Dear Sir/Madam,

### Re: English Proficiency Certification for Abubakarr Bangura

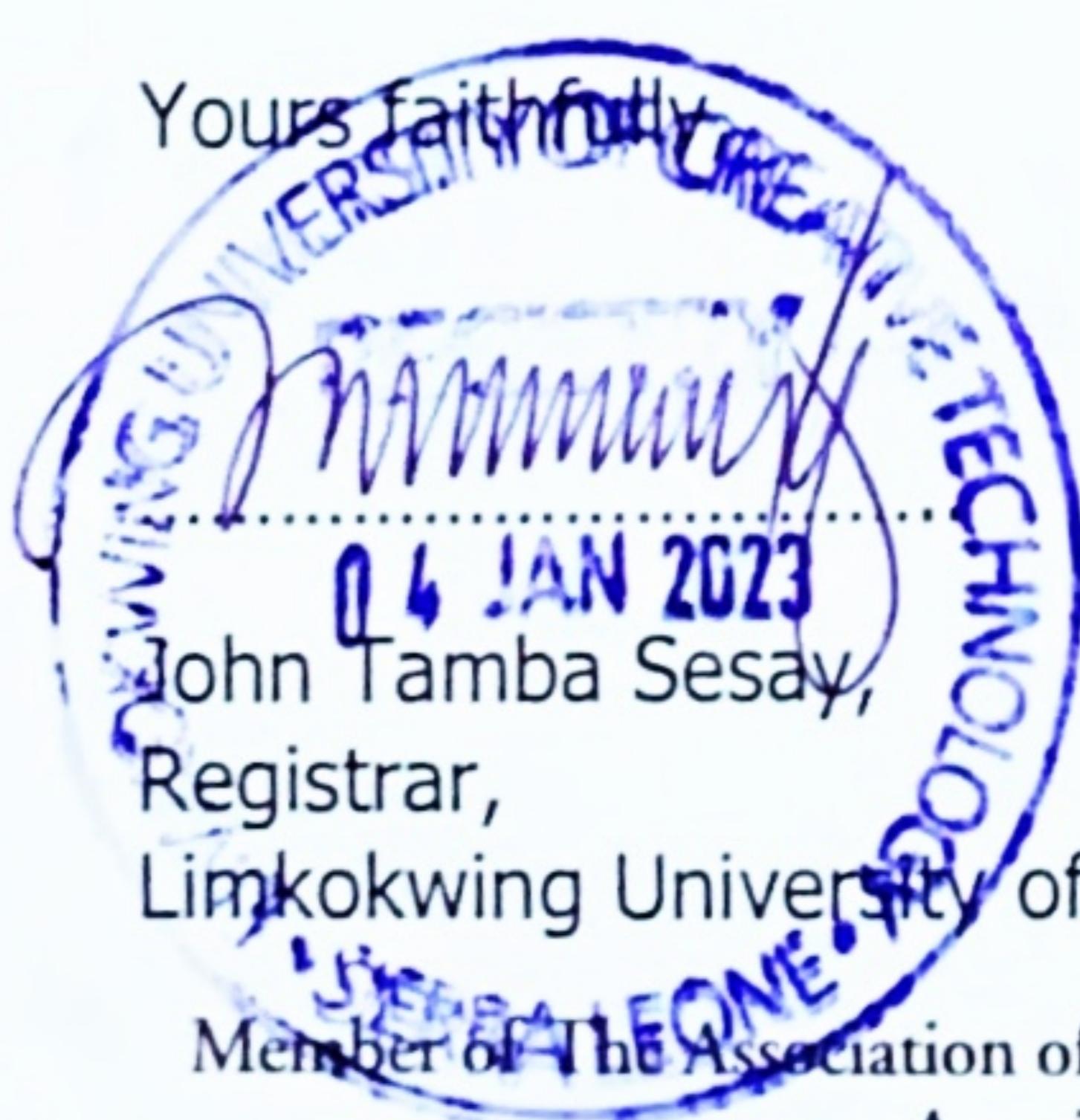
I write to confirm that Abubakarr Bangura (Student Identification Number 905001201) is a regular and bonafide student of this University and has completed **Bachelor of Science (Hons) in Software Engineering with Multimedia (BSEM) in the Faculty of Information & Communication Technology (FICT)**. I can also certify that he is proficient in the use of English.

Our medium of instruction, communication and examination is English Language. While studying at this University, Abubakarr Bangura was examined and found to have adequate knowledge of both written and oral English. In my candid opinion, he should have no difficulty pursuing postgraduate studies in any institution where the medium of instruction is English.

For any query, please contact the Registry Department on +23276116464/+232 99380202.

Email us at [john.sesay@limkokwing.edu.sl](mailto:john.sesay@limkokwing.edu.sl) or [sheriff.salim@limkokwing.edu.sl](mailto:sheriff.salim@limkokwing.edu.sl)

Thank you.



John Tamba Sesay,  
Registrar,  
Limkokwing University of Creative Technology Sierra Leone Campus.

Member of The Association of Commonwealth Universities • Association of African Universities (AAU)  
• Association of Universities of Asia and the Pacific (AUAP)



# Certificate of Completion



*This is to certify that*

**ABUBAKARR BANGURA**

*From*

**SIERRA LEONE**

*has successfully completed a Training Programme under  
THE MALAYSIAN TECHNICAL COOPERATION PROGRAMME (MTCP)*

*for the course entitled:*

**Certificate in Artificial Intelligence, Machine Learning With  
Internet of Things (Ai.ML.IoT)**

**18th - 22nd July 2022**

*organised by*

**INFRASTRUCTURE ENVIRO-WATER MANAGEMENT SDN BHD**

A handwritten signature of Hafizah Abdullah is on the left.

**HAFIZAH ABDULLAH**

*Undersecretary*

*International Cooperation and Development Division (ICADD)  
Ministry of Foreign Affairs, Malaysia*



A handwritten signature of Dr Mohd Syazwan Abdullah is on the right.

**DR MOHD SYAZWAN ABDULLAH**

*Chief Executive Officer*

*Infrastructure Enviro-Water Management Sdn Bhd*

I take this opportunity to extend to you my heartfelt congratulations and very best wishes.

While you serve, I am sure you will gain much experience from the tasks you will be given, and learn well from the assignments you will perform.

From time to time, you may be invited to join the University on its official events, promotional tours around the country, as well as to other countries,

As our Ambassador, you will assist in the dissemination of information about the University to the public, both at home and abroad, and build good relations with all, both on and off campus.

As an appointed representative of the University, you are expected to carry the name of the University well at all times. It is a responsibility we know you will carry with pride and a task you will perform to the best of your ability.

This appointment is for one year and is renewable based on the performance of the appointees.

It is with much pleasure that I inform you that you have been appointed as a University Ambassador.

Dear Abubakar ,

BSc (Hons) in Software Engineering with Multimedia  
Abubakar Bangura

July 09th, 2019



La

4<sup>ème</sup>  
Edition

# La SEMAINE 2019 TM Qu'numérique

certifie que :

**Abubakarr Bangura**  
pour son invention  
**Greenta Collect**

a participé  
à la 4<sup>ème</sup> édition de  
**la semaine du numérique 2019**

*La présidente de l'organisation*



To Whom It May Concern:

Greetings!

Abubakarr Bangura, a former student of mine who is applying for your Master's Program has my enthusiastic recommendation.

I found him to be a student who is constantly willing to learn new things and was thus very zealous about the Software Development profession. I was his lecturer in most of his programming and Software Engineering classes.

He has grown into a self-assured, smart, and responsible student during his academic career. He was offered an internship position at the Directorate of Science, Technology, and Innovation (DSTI) while he was a student at Limkokwing University of Creative Technology, and after showcasing his abilities there, he was given the opportunity to work there on a full-time basis as a Junior Software Engineer. He also served as a student ambassador and was a prominent figure in student organizations. He received a degree in software engineering with a first-class distinction because of his diligence and hard work. He has demonstrated in academia the traits of character and outlook that are ideal for his line of work.

I wholeheartedly endorse him for enrollment in the program as his professor and mentor. I believe he has always been willing to go above and beyond for his career and personal development.

I appreciate you very much.

Sincerely,

Aiah James

+232 77 000225

aiah.james@limkokwing.edu.sl



## DIRECTORATE OF SCIENCE TECHNOLOGY & INNOVATION

To Whom It May Concern,

I am writing to recommend Abubakarr Bangura for admission in the master's program. I have worked closely with Abubakarr for the past 3 years as his supervisor at the Directorate of Science Technology and Innovation, where he is currently working as a software engineer.

Abubakarr has a proven track record of success in the software engineering industry. He is always able to troubleshoot problems and work efficiently with minimal instructions. He is eager to learn, and we've seen significant growth in his skill set since he joined our team.

Abubakarr is an excellent communicator and team player. He always manages to explain complicated technical concepts in a way that is easy to understand. He works well with others, shares his knowledge and experiences, and can quickly recognize when he needs to ask for help.

Finally, Abubakarr is passionate about his career and is always looking for the next opportunity to apply his skills and knowledge. He has shown a keen interest in advancing his engineering knowledge and is an enthusiastic learner.

I highly recommend Abubakarr for admission in the master's program. I am confident that his experience and commitment to excellence will benefit the program.

Sincerely,

Foday Sahid Nabie Kamara.



# Abubakarr Bangura

## Software Developer

I am a skilled software engineer with a successful track record. I studied at Limkokwing University and completed a full-stack program at ALX. I won second place in a national coding competition and represented Sierra Leone in a digital innovation exhibition. An Award Winner of Tan Sri Limkokwing Award for Creativity and Innovation.

✉ abangura9@gmail.com

📍 Freetown, Sierra Leone

🐦 twitter.com/boss\_lovel

💻 github.com/abu-bakarr

📞 +23288397913

.linkedin.com/in/abubakarr-bangura

facebook.com/lovel.bangura.7

instagram.com/boss\_lovel

## WORK EXPERIENCE

### Software Developer

#### Directorate of Science Technology and Innovation

07/2019 - Present *Freetown, Sierra Leone*

##### Achievements/Tasks

- I collaborate with teammates on the development of Frontend Applications using ReactJS, we used JavaScript, tailwind as CSS framework.
- Creating new features and functionality during development using REST API.
- Building stable and maintainable codebase and collaborating with teammates and updated application versions using Git.
- Writing and implementing efficient code.
- Working directly with client /stakeholders to develop a technical solution for business cases
- Implement Mobile first approach to existing website.
- Researching, designing, implementing, and managing software programs.
- Training users

### Web Developer

#### TplSENT

10/2018 - 07/2019

*Freetown, Sierra Leone*

##### Achievements/Tasks

- Building, Maintaining and revamping web application using FileZilla and sublime text using HTML, Materialize CSS and jQuery among other.
- Designing and develop websites using WordPress and Wix.

## EDUCATION

### BSc (Hons) in Software Engineering

#### Limkokwing University of Creative Technology

07/2016 - 09/2022 *Freetown, First Class Honors*

##### Thesis

- Births and Deaths

### Software Engineering

#### AFRICA LEADERSHIP X (ALX)

07/2021 - 08/2022 *Online Kenya*

##### Specialisation

- Full-Stack

## SKILLS



## PROJECTS

### Pregnancy Registration Tracking Application (PResTrack) (02/2021 - Present)

- This software records a pregnant woman from conception through delivery.
- It lowers the maternal mortality rate in Sierra Leone.
- It increases the rate of child survival in Sierra Leone.

### Ecosystem Data Collection Tool (04/2021 - 07/2021)

- Design a data collection tool that collect qualitative and quantitative data on SMEs in Sierra Leone

### Technical Lead for the Sierra Leone Learning passport. (08/2021 - Present)

- Managing Contents & Users on the platform
- Training of trainers

### Integrated Geographic Information Systems (08/2020 - Present)

- Frontend Development of the version 2 of IGIS Portal

## PERSONAL ACHIEVEMENTS

### Tan Sri Limkokwing Award for Creativity and Innovation (02/2023 - Present)

### Best Innovator (07/2017 - 07/2018)

### Student Ambassador (07/2019 - 09/2022)

### Best SME Rebrand (Silfred Enterprise) (02/2019 - 12/2019)

## LANGUAGES

### English Language

*Full Professional Proficiency*



## NOTES

Sierra Leone passports are issued and renewed by the competent authorities in Sierra Leone and by the Diplomatic Missions and Consulates of Sierra Leone abroad to which application should be made. Passports should not be sent from one country to another by post.

This passport is valid for 5 years. If at any time the passport contains no further space for visas, a new passport must be obtained.

The possession of a passport does not exempt the holder from compliance with any immigration regulations in force in the territories or from the necessity of obtaining a visa or permit where required.

Sierra Leone citizens who are resident abroad should at the earliest opportunity register their names and addresses at the nearest Diplomatic Mission or Consulate of Sierra Leone. Failure to do so may in a period of emergency result in difficulty or delay in according them the assistance and protection to which they are entitled. Changes of address or departure from the country should also be notified to the Mission or Consulate.

This passport remains the property of the Government of Sierra Leone and may be withdrawn at any time.

It is a valuable document and should not be altered in any way or allowed to pass into the possession of an unauthorised person. If lost or destroyed, the fact and circumstances should be immediately reported to the Passport Office, Freetown, or the Sierra Leone Mission or Consulate and to the local police. New passports can only be issued in such cases.



m

# Republic of Sierra Leone

10

Passport No. / Passeport N°  
**ER162663**

Type / Type      Country code / Code du pays  
PO                  SLE

Surname / Surname  
**BANGURA**

Given names / Prénoms  
**ABUBAKARR**

Nationality / Nationalité  
**SIERRA LEONEAN**

Date of birth / Date de naissance  
**09 JAN/JAN 1996**

Sex / Sexe      Place of birth / Lieu de naissance  
**M**                    **KENEMA**

**M** \_\_\_\_\_ Date de délivrance \_\_\_\_\_

26 JUN/JUIN 2019

Date of expiry / Date d'expiration  
**26 JUN / JUIN 2024**

Personal No. / N° personnel  
**000000084871**

Authority / Autorité  
**FREETOWN**

Holder's signature / Signature du titulaire

POSLEBANGURA << ABUBAKARR <<<<<<<<<<<<<

ER162663<5SLE9601097M2406260000000084871<<60

I've always had a strong interest in computers since I was a child. This fascination was triggered by my uncle's introduction to computer systems at his workplace. I'll never forget the need to understand how computers worked, why they functioned, and what else they could accomplish. This piqued my attention, which grew more intense and impassioned with each new discovery I made. From talking with an artificial intelligence to seeing the glories of the Internet for the first time, computers have captivated me with their power and mystique.

Studying Software Engineering at Limkokwing University allow me to experiment with cutting-edge technologies, programming methodologies, and languages. I've designed websites for others and love creating a public interface with a computer, but what happens within the CPU is what really interests me. This is a fast-paced business, and a new computer is obsolete practically as soon as it is introduced. This excites me about the future because computers now play such a large part in many aspects of our life. Computers are just the top of the iceberg.

In my spare time, I like computer gaming, and one of the reasons I picked your university is because the modules you offer allow me to study components of motion graphics inside computer science.

I am currently employed as a Software Developer at The Directorate of Science Technology, and Innovation (Office of the President of Sierra Leone), where I gain practical experience with the software development life cycle. I have contributed to several projects, among many other things, USSD (Unstructured Supplementary Service Data), which offers a range of services, including a result checker it allows Sierra Leoneans to verify their public examination (National Primary School Examination & Basic Education Certificate Examination) results. This simple system aid millions of Sierra Leoneans to save money on scratch cards. I also contributed with the frontend development of the Pregnancy Registration Services Tracking Application (PReSTrack). This is an application that tracks pregnant women from conception to birth. This system aids in the reduction of maternal and neonatal mortality.

With three years of experience, I've learnt about the software industry and its obstacles. I've worked on anything from start-ups to mature companies with well-

maintained products. After working in the sector, I opted to further my education in Computer Science which I feel would benefit my career. I want to put the knowledge I've gained from this degree to good use in my career. I hope to continue working as a Software Developer and eventually manage a team. The course outline corresponds to my interest in mastering web application development.

My interest in computing has extended beyond the classroom and student life. In the last twelve months, I've used the expertise I've gathered over the prior twelve years, together with the assistance of my family, to launch my own computer-related firm. This has provided me with a completely different perspective on how certain things work and how businesses run.

I'm looking forward to the challenges that studying for a degree in computer science will present.