Elly Oscar Ochieng

Software Engineer

📞 (254) 717741195

✉ oscarelly81@email.com

📍 Koru - Kisumu

Education

Degree
2021 - 2025

BSc Software Engineering
University of Eastern Africa, Baraton. (Awaiting Conferment)

Certificate
2017 - 2021

Kenya Certificate of Secondary Education
Kisumu Boys High School.

Certificate
2008 - 2016

Kenya Certificate of Primary Education
Koru Primary School

Work Experience

Software Engineering Intern
Apr 2025 - Aug 2025

Attain Enterprise Solutions, Nairobi.

- Analyzed and debugged existing code to identify and fix software issues.
- Constructed API calls from frontend code to communicate with backend services.
- Integrated third-party APIs into existing applications using JSON and XML formats.

Practicum Instructor
Aug 2024 - Dec 2024

UEAB Practicum Program - University of Eastern Africa, Baraton.
- Worked as a PRACTICUM INSTRUCTOR in a peer to peer learning experience with the duties of assisting fellow students with basic hardware configurations/troubleshooting, software installations, VMs and OS installations.

IT Support
Mar 2024 - Dec 2025

UEAB ITS Department - University of Eastern Africa, Baraton.
- Participated in a voluntary duty of setting up, configuring and maintenance of internet receivers, access points, hotspots, routers and switches.
- Grew ability to work independently while completing assigned tasks without direct supervision.

Volunteer
Mar 2024 - Present

Akina Ties Volunteer Programme.
- Participated in voluntary work at a child rescue center in Kisii (Akina Ties) with the responsibility of website editing, social media marketing and system management.

Project Experience

IDEA Solar Solution TZ	Took part as a page editor using WordPress in the development of a website for IDEASolarSolutions, an organization based in Tanzania.
Akina Ties (akinaties.org)	Developed a live website using ReactJS in a voluntary exercise and boosting the organization's online visibility through basic SEO setup
Peepal MTC (peepalmtc.ac.ke)	Developed a dynamic fully functional and life website Using Reach + Python FastAPI with advanced SEO setup. Also implemented affiliate marketing techniques and tools to boost the collage's social media visibility.

Awards & Honors

Hackathon Winner - BITSA Website Hackathon
Nov 2025

References

Mr Lelei Brian
Acting ITS Manages, UEAB
+254725726175

Madam Lilian Marwa
CEO Akina Ties
+254724118379

Job Gideon
Senior Developer, Attain ES
+254 796 893435

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(254) 750378181

✉ oscarelly81@email.com
oscarelly85@gmail.com

Office of the Registrar

6-JAN-2026

TO WHOM IT MAY CONCERN

LETTER OF COMPLETION

Name: ELLY OSCAR OCHIENG

Student ID: SELLOS2211

Degree Name: Bachelor of Science

Major: SOFTWARE ENGINEERING

Minor:

It is my pleasure to formally present to you the above-mentioned student who has successfully completed the aforementioned program. The University of Eastern Africa, Baraton is fully chartered by the Government of the Republic of Kenya, Legal Notice No. 111, 1991. The degree will be conferred on   **December**   **2026**

If you require any further information regarding the student, please contact the Registrar, University of Eastern Africa, Baraton at the address above.

Sincerely,

DR. ELIZABETH METTO
REGISTRAR

Attain
Enterprise
Solutions Ltd

Date: 12th August 2025

TO WHOM IT MAY CONCERN

RE: INTERNSHIP COMPLETION & PERFORMANCE SUMMARY – ELLY OSCAR

This is to certify that **Mr. Elly Oscar** successfully completed his internship with Attain Enterprise Solutions Limited in the **Research & Development Department** from 12th May 2025 to 12th August 2025.

During his internship period, Elly was actively involved in projects that enhanced both technical and collaborative skills. His key responsibilities included:

- Assisting in Microsoft Dynamics 365 Business Central setups, configurations, and testing using AL language.

- Participating in research and development of integration projects, including building sample portals in C# to extend Business Central functionality.

- Supporting fellow interns and trainees in troubleshooting, debugging, and improving system processes.

- Designing and developing a stock data scraping project using Python (BeautifulSoup, Selenium, FastAPI) for data extraction, integrated with SQLite/MySQL for storage and reporting.

Through these responsibilities, Elly successfully:

- Gained hands-on experience in Microsoft Dynamics 365 Business Central, including development with AL and C#.

- Strengthened research and development skills by designing a functional scraping service with retry logic, logging, and backend API integration in FastAPI.

- Enhanced database management capabilities by working with both SQLite and MySQL.

- Improved teamwork, collaboration, and problem-solving skills through active participation with fellow interns and trainees at Attain ES.

Overall, Elly demonstrated a positive attitude, strong commitment to learning, and the ability to deliver quality results within the expected timelines. His performance met and, in some areas, exceeded the objectives of the internship program.

We appreciate his contributions during his time with us and wish him the very best in his future career endeavours.

Yours Sincerely

Marianna Gitau
Office Administrator & HR Support

Attain Enterprise Solutions Ltd

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Cell : +254 720857 899
www.attain-es.com

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12 AUG 2025
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P. O. Box 18286 - 00100, NAIROBI - KENYA

Bringing ICT to the corporate world

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.

39741005/017

NAME: ELLY OSCAR OCHIENG
KISUMU BOYS HIGH SCHOOL

M1   39741005/017

	SUBJECT	GRADE
101	ENGLISH	B+ (PLUS)
102	KISWAHILI	C+ (PLUS)
121	MATHEMATICS	B+ (PLUS)
231	BIOLOGY	C- (MINUS)
232	PHYSICS	B+ (PLUS)
233	CHEMISTRY	C (PLAIN)
312	GEOGRAPHY	A
451	COMPUTER STUDIES	B+ (PLUS)

SUBJECTS NAMED EIGHT   MEAN GRADE B (PLAIN)
EXAMINATIONS OF YEAR 2020
PRINTED: 220519:103258

Chief Executive Officer
Kenya National Examinations Council

Chairman
Kenya National Examinations Council

KCSE /20 5118021

(See overleaf for conditions of issue)

The Kenya National Examinations Council

KENYA CERTIFICATE OF PRIMARY EDUCATION

KCPE

This is to certify that the candidate named below sat for the Kenya Certificate of Primary Education examination in the subjects shown and attained the grades indicated.
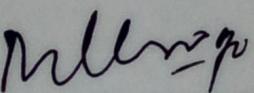
NAME: ELLY OSCAR OCHIENG   39734031/003
        KORU   39734031
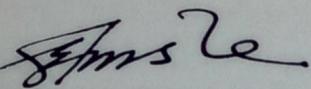
SUBJECT	GRADE
ENGLISH LANGUAGE	A- (MINUS)
KISWAHILI	A- (MINUS)
MATHEMATICS	B- (MINUS)
SCIENCE	B (PLAIN)
SOCIAL STUDIES AND RELIGIOUS EDUCATION	B- (MINUS)

EXAMINATION OF 2016
PRINTED : 170818:12165316

_____
Chief Executive Officer
Kenya National Examinations Council

_____
Chairman
Kenya National Examinations Council

This certificate was issued without any alteration whatsoever. See overleaf for grades and mark intervals.

KCPE/ 16   4344078

INFORMATION SYSTEMS AND COMPUTING

BiTSA CLUB

SOFTWARE ENGINEERING
CYBERSECURITY • BMIT • DATA ANALYTICS

Certificate
of Participation

This certificate is proudly presented to
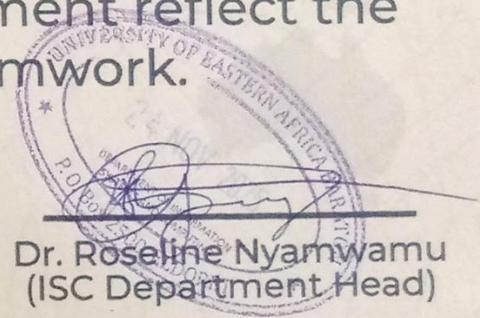
Elly Oscar

For taking part in the **BITSA WEBSITE DESIGN CHALLENGE** (November 7th–19th, 2025).
Your dedication, creativity, and commitment reflect the true spirit of innovation and teamwork.

_____
Mr. Jefferson Mwatati
(Club Patron)

THANK YOU FOR PARTICIPATING

_____
Dr. Roseline Nyamwamu
(ISC Department Head)

11th **APRIL, 2025**

Subject: TO WHOM IT MAY CONCERN

Dear Sir/Madam,

I am pleased to provide a recommendation for **Elly Oscar Ochieng SELLOS2211**, who volunteered in the ICT department during his studies. During his volunteer period from January 10, 2024, to August 30, 2024, Elly displayed exceptional qualities, skills, and contributions that set him apart.

From day one, Elly brought a high level of enthusiasm, dedication, and a strong willingness to learn, quickly becoming an integral part of our team. His responsibilities included:

- Network management and maintenance of various assigned networks.

- CCTV installation and maintenance.

- Installation and provision of licensed university applications.

- Hardware repair and maintenance, along with advice on new hardware acquisitions.

- User support for staff, faculty, and students.

Elly actively participated in various tasks, making significant contributions that positively impacted our ICT department.

What truly stood out about Elly was his ability to work independently, collaborate effectively within a team, and communicate clearly with clients. He demonstrated an exemplary work ethic, a high level of professionalism, and was a quick learner who adapted to new challenges with ease.

We are grateful for the opportunity to have had Elly with us during his volunteer period. It has been a pleasure having him as part of our team, and I am confident that he will excel in his future endeavors.

Sincerely,

Kikandi Safari

Ag. Manager, ITS Department.