

Belkien Siro

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EDUCATION

UNITED STATES

INTERNATIONAL UNIVERSITY

BSc. INFORMATION SYSTEMS
TECHNOLOGY

*Concentration: Forensic
Information Technology and Cyber
Crime*

September 2022 | Nairobi, Kenya

ST. AUSTIN'S ACADEMY

INTERNATIONAL GENERAL
CERTIFICATE OF SECONDARY
EDUCATION (IGCSE).

June 2018 | Nairobi, Kenya

SKT. JOSEF'S INTERNATIONAL SCHOOL

HIGH SCHOOL

2015-2017 | Roskilde, DENMARK

BRAEBURN GARDEN ESTATE

HIGH SCHOOL

2015 | Nairobi, Kenya

COURSEWORK Summary

UNDERGRADUATE

Fraud Investigation Security.

Introduction to Data Structures.

Object Oriented Programming (A-).

Forensic Accounting.

Information Systems Security.

Systems Analysis & Design (A-)

Information Technology & Cybercrime.

Computer Forensics & Investigation.

Project 1 - (A-).

Introduction to Computer fundamentals
& Programming.

Project 2 - (B+).

Introduction to Web Design & Applications.

Application of Social Media for Business.

Management Information

Systems (A-).

Mobile Applications Development (A-).

USIU Grade Boundaries

A 90 – 100 A- 87 – 89 B+ 84 – 86 B 80 – 83 C 77 – 79

SKILLS

PROGRAMMING LANGUAGES

PHP • C++ • Java • C • JavaScript • HTML • CSS • R • SQL • Git • Bash
Scripting • Dart

PROGRAMMING SOFTWARE

Visual Studio • MySQL • Oracle 18c express edition • MS-Visio Eclipse
• PhpMyAdmin • Android Studio • WP-Elementor

SOFTWARE

Microsoft 365; Word • Excel • Project • Access • PowerPoint • Outlook

Online Conferencing & Learning; • Zoom • Skype • Google Meet

AUDIO & TEXT TRANSCRIPTION

REV • SpeechPad

LANGUAGES

Fluent English • Swahili

Limited Working Proficiency Spanish • Danish

EXPERIENCE ALX Africa

| SOFTWARE ENGINEER

CERTIFICATION.

(SCHOLARSHIP)

August 2022 – Present | Online,

GitHub: <https://github.com/Belkien>

- Scholarship in partnership with MASTERCARD FOUNDATION and African Leadership University that is fully online and requires 10+hours a day dedication.
- Worked purely on the Linux Terminal in collaboration with Git-version control while uploading projects to Github.
- Executed Bash statements and learned the C programming language and completed a project in C where I wrote my 'printf' function.
- Currently working on a project where I am making a UNIX command interpreter.

Kenya Bureau of Standards | IT SUPPORT INTERN

May 2022 – July 2022 | Nairobi, Kenya

GOVERNMENT AGENCY

- Learned about Servers, PABX Systems and LANs practically while troubleshooting problems faced by the users in these systems.
- Installed Office 365 software on users' PC's & Antivirus.
- Discovered best practice on how to work and troubleshoot issues faced by the Office 365 suite software's, especially MS Outlook.
- Constructed RJ45 cables for the LANs & Configured Printers.

Billiards by BelTrev | CO-FOUNDER

<https://bit.ly/BelTrev>

September 2021 – Present | Online Sporting Goods Store.

BUSIA PROFESSIONALS

ASSOCIATION | FULL STACK DEVELOPER

July 2022 – Present | Nairobi, Kenya (Remote)

- Implemented a re-designed & Aesthetically Pleasing, Responsive Website.
- Critical features like an Admin Panel were added for the admin to make *Big Data* out of user profiles.
- Introduced *Digital Payments on website...* STK-Push notification through **M-Pesa**, (KES Currency).

'Private Beauty Shop' | SOCIAL MEDIA MANAGER

2021 | Nairobi, Kenya (Remote)

- Performed Ads on *Google* and *Facebook/Instagram* Ads platform to increase *Brand Awareness* with day-to-day reach Goals.
- Responded to client queries on the social platforms.
- Created *Daily Content* for existing customers and potential reach clients

CERTIFICATIONS

2022 Stage 2 of the Association of Chartered Certified Accountants (ACCA), Strategic Business Leader.
Inter-University Challenge, 2022.

2020 Media Buyer Academy certificate, (A course on Social Media Management, Marketing & Media Buying).

VOLUNTEERING

2022 Jan – April | Maziwa, Nairobi

OUR LADY OF GUADALUPE CHILDREN'S HOME | **TREASURER**

- Impacted the boys' dormitory *Positively* by Raising funds and Constructing a New Ceiling.
- Controlled the Expenditure and found the *Cheapest Efficient* solutions & made Payments to workers.
- Temperature was now well regulated, boys slept much better.
- **No leakages** in the ceiling anymore.
- The boys could now study & read in their rooms in their spare time.

INTERESTS

| Entrepreneurship | Business | Billiard Pool -currently a frequent player in 8-Ball
| Critiquing & watching films | Emerging technologies that Positively impacts lives
| Cryptocurrency | Stock Investments -Global & NSE | NFTs (Non Fungible Tokens)

PROJECTS

STUDENT MONITORING AND PARTICIPATION MANAGEMENT SYSTEM

Created a system that would incorporate *E-learning* during the COVID19 Pandemic

- **Tracked** whether students attended Online classes through *my* platform that *required Student Sign In*, IF no Activity detected after 30 min system logs the user out and *records that the student left* the class.
- *Reports were generated* after a Month & Weekly to Show student Attendance and Participation in Visual ways, *Bar graphs & Pie charts*.
- Grading for students was easier and lecturers could now easily track which students were *Active in the Classrooms* and how to grade them in terms of Attendance.

MOTOR-VEHICLE PARKING MANAGEMENT SYSTEM

Built a *Mobile App* that Directed a user to *Closest Available Parking* based on Destination

- User signs in with credentials, enters building destination, mobile app communicates with *my built Web App API* that stores free parking locations.
- Closest Available parking *Displayed* to the user.
- *Sensor* at the parking will record that the parking location is *now Occupied* and send info to the Web App.

REFEREES

Prof. Joshua Rumo Ndiege.

Assistant Professor, School of Science and Technology.

United States International University (USIU), Box 14634 – 00800 Nairobi.

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