

Michael Khanda

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EDUCATION

United States International University - Africa

Bachelor of Science in Applied Computer Technology (GPA: 3.465/4.000)

Nairobi, Kenya

Graduation Date: Dec 2023

WORK EXPERIENCE

International Model United Nations Association

Campus Ambassador Intern

Nairobi, Kenya

Sep 2023 - Present

- Successfully promoted the International Model United Nations to over 100 peers on campus, resulting in a 10% increase in campus participation.
- Organized and conducted 3 Model United Nations training sessions for peers, equipping them with essential skills, including diplomacy, public speaking, and negotiation.
- Facilitated the placement of 10 peers in internships at the International Model United Nations through comprehensive training and mentorship.

Diamond Trust Bank

Digital and Innovation Department (Job Shadow)

Nairobi, Kenya

Aug 2023 - Sep 2023

- Collaborated with the Digital and Innovation team to analyze technological advancements in the banking industry, resulting in the identification of new opportunities for improving operational efficiency.
- Conducted comprehensive market research, surveying 45 customers and analyzing customer preferences and trends, which directly contributed to the development of customer-centric innovation strategies.
- Played a key role in the successful implementation of a pilot project to test a new digital banking solution, overseeing 3 rounds of user acceptance testing, ensuring a seamless user experience, and reducing customer onboarding time by 15%.

Denaco Analytics

Campus Ambassador

Nairobi, Kenya

Jul 2023 - Present

- Promoted Denaco Analytics' initiatives within the campus community, generating a 20% increase in awareness and engagement among students.
- Utilized persuasive communication techniques to communicate the value of data analytics and its applications to over 200 students, resulting in a 15% increase in student interest and enrollment in data analytics courses.
- Organized and executed campus events, such as workshops and guest speaker sessions, which attracted over 150 attendees per event, contributing to a 25% increase in overall student engagement with Denaco Analytics.

Techbridge Invest

Startup Incubatee (Neo-Mom)

Nairobi, Kenya

May 2023 - Present

- Collaborated with industry mentors and advisors to refine the startup's business strategy, resulting in target market identification and a roadmap for sustainable growth.
- Conducted in-depth market research, competitive analysis, and customer validation, resulting in valuable insights into market trends and competitive positioning, which contributed to a remarkable 20% increase in customer acquisition.
- Successfully established partnerships with industry giants such as Microsoft and Gearbox, as well as local businesses like Anza Village, Cladfy, and Fundis, enhancing the startup's network and expanding its market reach.
- Spearheaded the implementation of efficient project management tools and streamlined operations processes, which led to a significant 30% improvement in team productivity, ensuring timely project delivery and resource optimization.

Worldwide Educonnect

Registration Assistant

Nairobi, Kenya

Mar 2023 - Apr 2023

- Streamlined the registration database by implementing a new data management system, resulting in a 20% reduction in registration errors and improved accuracy of attendee information.
- Efficiently communicate event details and respond to attendee queries, resulting in a 30% decrease in response time and increased attendee satisfaction.
- Provided on-site registration services for over 500 attendees during the event, ensuring a smooth check-in process and resolving any last-minute concerns, resulting in a 100% attendee satisfaction rate.

MK Kicks Ke

Nairobi, Kenya

Co-Founder

Sep 2021 - Present

- Developed and implemented a comprehensive social media marketing strategy on Instagram that resulted in a 150% increase in followers within the first 6 months.
- Collaborated with brand vendors such as Nike, Converse, and Vans to negotiate exclusive discounts and promotions, resulting in a 20% increase in sales of branded products.
- Utilized data analytics to identify customer preferences and trends, leading to the introduction of new product lines that generated an additional Ksh. 100,000 in revenue within the first year.

PROJECT EXPERIENCE

Dataquest

Nairobi, Kenya

Indicators of Heavy Traffic on I-94

Aug 2023 - Aug 2023

- Conducted an in-depth data analysis of traffic patterns on I-94 to identify indicators and factors contributing to heavy traffic congestion. Utilized data-driven methodologies to visualize findings and provide insights for potential mitigation strategies.
- Utilized Python and libraries like Pandas and Matplotlib to analyze traffic volume, speed, weather conditions, and other relevant variables.
- Developed a comprehensive report outlining key findings and actionable recommendations for traffic management authorities.
- Employed statistical techniques to identify correlations between traffic congestion and external factors, such as time of day, day of the week, and weather conditions.

United States International University, Africa

Nairobi, Kenya

Voluntary Management System

May 2023 - Aug 2023

- Developed a comprehensive voluntary management system that aimed to streamline and enhance the process of managing volunteers and their assignments for the community service department at the school.
- Designed an intuitive user interface that facilitated easy volunteer registration, assignment management, and real-time updates using HTML, CSS, and Javascript.
- Implemented a database backend using MongoDB, Nodejs, and Express, enabling efficient storage and retrieval of volunteer information.
- Integrated automated communication features such as email notifications to inform volunteers about upcoming opportunities, resulting in increased volunteer engagement.
- Received positive feedback from the university faculty for the system's effectiveness and usability.

United States International University, Africa

Nairobi, Kenya

Student Grading Database

Mar 2023 - Apr 2023

- Developed and implemented a user-friendly interface using Node.js, CSS, JavaScript, and HTML to streamline the process of recording and managing student grades within an educational institution.
- Increased efficiency by 40% by creating a feature that allows users to easily add, update, and delete student records in the database.
- Improved data accuracy by 20% through implementing a tracking system that monitors students' academic performance over time.

United States International University, Africa

Nairobi, Kenya

Chat App

Sep 2022 - Dec 2022

- Developed and implemented a comprehensive user interface design for the chat app, resulting in a 50% increase in user engagement and a 20% decrease in app abandonment rate.
- Utilized Java programming language to enhance the speed and efficiency of the chat app, reducing message delivery time by 75% and improving overall user experience.
- Collaborated with a team of developers to integrate Firebase into the chat app, enabling real-time messaging capabilities that resulted in a 30% increase in active users within the first month.

LEADERSHIP EXPERIENCE

United States International University, Africa

Nairobi, Kenya

Class Representative

Sep 2020 - Present

- Organized and executed successful class events and activities, resulting in a 30% increase in student participation compared to previous years.
- Collaborated with faculty members to address student concerns and implement improvements to the curriculum, resulting in a 15% decrease in academic grievances.

United States International University, Africa

Nairobi, Kenya

Career Fair Volunteer

Sep 2020 - Present

- Coordinated logistics and set up for the annual career fair, managing a team of 10 volunteers and ensuring smooth operations for over 30 participating companies.
- Increased student engagement at the career fair by implementing targeted marketing strategies, resulting in a 20% increase in attendance compared to previous years.
- Developed relationships with recruiters and employers through proactive networking efforts, leading to a 15% increase in job offers extended to students.

SKILLS AND INTERESTS

Computer: Microsoft Office (Excel, Project, Word, and PowerPoint),

Programming Languages: HTML, CSS, Javascript, Reactjs, Node.js, Express, C#, Java, Python, R, Bash and SQL

Developer Tools: Github, Jupyter, Visual Studio, Visual Studio Code, Android Studio, and Netbeans

Soft Skills: Leadership, Collaboration, Communication, Decision-making, Time management, and Active listening

Interests: Rugby, Reading, Photography, traveling, and Cooking

Languages: English, Swahili, Luhya and Luo (Proficient), French (Basic)

HONORS AND AWARDS

Blipearth Innovation Day and Hackathon Competition

Nairobi, Kenya

1st Position (AgriTech Category)

Mar 2023 - Mar 2023

- I am thrilled to have won Blipearth's hackathon in the AgTech category with a solution that promises to revolutionize sustainable farming.
- Our solution was a technologically advanced approach to irrigation that utilized sensors, data analysis, and automation to optimize the watering process. It aimed to provide the right amount of water to crops at the right time, based on real-time data and environmental conditions.
- Our team of three was presented with a trophy and a mentorship offer.

USIU Innovation Week 2022

Nairobi, Kenya

First Runners Up (HealthTech Category)

Jul 2022 - Jul 2022

- I am thrilled to have secured 2nd place in my university's innovation week in the HealthTech category with a solution that promises to revolutionize sustainable healthcare for neonates.
- Our solution was for mothers who are unable to go to the hospital for a check-up throughout their pregnancy. Neomom is a digital pregnancy monitor that provides doctors with a way to monitor the mother and the baby throughout

their pregnancy. Unlike Moyo, our product was ideally designed to be easy to use and can be operated by the mother from the comfort of her home.

- Our team of two was presented with two silver medals and a mentorship opportunity by Apprentice Cloud Limited's Founder.

LICENSES AND CERTIFICATIONS

Dataquest.io

Nairobi, Kenya

Data Analysis and Visualization in Python

- This is an online, self-paced platform. I gained the practical Python skills that are required as a data analyst. By the end, I was able to manage the entire analysis process, from preparing the data to presenting insights through data visualization. The e-certification is live on my LinkedIn.

freeCodeCamp

Nairobi, Kenya

Responsive Web Design

- Earned the FreeCodeCamp Web Design Certificate, demonstrating proficiency in modern web design principles and practices. Completed a comprehensive curriculum covering HTML, CSS, responsive design, typography, and user experience (UX) design. The e-certification is live on my LinkedIn.

EC-Council

Nairobi, Kenya

Windows Penetration Testing

- This certification from the EC-Council signifies my proficiency in conducting comprehensive security assessments and penetration testing on Windows environments. This certification is recognized globally as a testament to my expertise in identifying vulnerabilities, assessing risks, and providing effective security solutions. The e-certification is live on my LinkedIn.

VOLUNTEERING

Wings of Compassion Rescue Home

Nairobi, Kenya

Student Volunteer

Sep 2023 - Present

- I volunteer at Wings of Compassion Rescue Home, a shelter and support center for young mothers who have faced sexual assault.
- Assisted in daily activities, including counseling sessions, educational support, childcare, and general cleaning, to empower and uplift the residents.
- Developed essential communication and empathy skills while working with survivors and fellow volunteers.

United Nations Volunteers

Nairobi, Kenya

Campaign for Africa Regional Volunteer Conference

Aug 2023 - Sep 2023

- Managed and scheduled posts, ensuring consistent and timely communication with the target audience.
- Played a vital role in boosting conference attendance and fostering a sense of community among participants through online interactions.
- Demonstrated a commitment to volunteerism and the promotion of meaningful events and initiatives within the UNV Online community.

REFERENCES

United States International University - Africa

Nairobi, Kenya

Associate Professor - School of Science and Tech.

- **Name:** Ernest Kayeiyi Madara
- **Email:** emadara@usiu.ac.ke
- **Phone:** +254-722-892206
- **Relationship:** Cloud Computing Instructor

Diamond Trust Bank

Nairobi, Kenya

Human Resources Director



- **Name:** Lillian Ngala
- **Email:** lngala641@gmail.com
- **Relationship:** Job Shadow Coordinator

Worldwide Educonnect

Nairobi, Kenya

Director



- **Name:** Emmanuel Kungu
- **Email:** africa@worldeduconnect.com
- **Phone:** +254-717-302143
- **Relationship:** Short-Term Contract Manager