

# DIANA NDINDA

Software Developer|Graphic Designer | Nairobi, Kenya | museediana@gmail.com |  
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[Linkedin](#) | [github](#)

## PROFILE

Results-driven data scientist with strong analytical capabilities and a passion for leveraging data insights to drive business transformation. Experienced in working with large data sets, predictive modeling, and creating visual dashboards. Adept at problem-solving, strategic thinking, and cross-functional collaboration.

## EXPERIENCE

***Software Developer/Graphic Designer | Pathways Technologies, Nairobi, Kenya |  
March 2023 – Present***

- Developed and maintained scalable software solutions using Python(Django),Java and SQL
- Collaborated with Red Cross to design and implement a chatbot system, enhancing user engagement and support.[link to chatcare redcross chatbot](#).
- Built multi-threaded data pipelines and analytical models for contact center optimization.
- Created interactive dashboards using Power BI and Figma for KPI tracking and reporting.
- Implemented predictive and prescriptive analytics models to improve business decisions.
- Worked cross-functionally to deploy end-to-end solutions aligned with business goals.
- Managed omnichannel data integration and automation for real-time reporting.

***Software Developer Intern | CorkBrick Europe, Portugal (Remote) |  
May 2022 - Nov 2022***

- Developed a game system using Unity and Blender, integrating engaging UI designs using Figma.[link to demo game](#)
- Designed and implemented the project's database and authentication system.
- Contributed to UI/UX enhancements, ensuring a seamless user experience.

***Embedded Systems Intern | Emertxe, Bangalore, India (Remote) |  
Feb 2022 - May 2022***

- Learned embedded systems and IoT.
- Developed a simulation model for an IoT-based smart washing machine.
- Analyzed sensor data to optimize machine efficiency and performance.

***IT Officer Intern | Office of the Attorney General, Nairobi, Kenya |  
Feb 2021 - Apr 2021***

- Developed a records-keeping system for the legal aid team using Laravel, which will be deployed in June 2022.

- Designed wireframes and UI layouts using Figma to ensure a user-friendly experience.
- Troubleshooted, updated, and debugged the institute's software and hardware to ensure smooth system operation.
- Developed skills for user support and communication. [link to national legal aid service](#)

## PROJECTS

- National Legal Aid Service | Django, Figma | <https://portal.nlas.go.ke/login>
- Waste Assistant using IoT | Arduino, Android, Firebase, Figma | [https://github.com/afrochic/waste\\_assistant.git](https://github.com/afrochic/waste_assistant.git)
- CorkBrick Game (1000+ downloads) | Unity, Blender, Figma | <https://corkbrick.com/pages/corkbrick-play>
- Clone Technologies Website (2022) | Laravel, Figma, Illustrator | <http://clone-technologies.com/>
- Afro Chitchat | Mobile Chat App | <https://github.com/afrochic/afrochicChat.git>

## EDUCATION

**Bachelor of Science in Informatics and Computer Science | Strathmore University, Nairobi, Kenya | Apr 2018 - Jan 2022**

## SKILLS

- Programming Languages: Python, SQL, Java, PHP, C++, JavaScript
- Data Science & Analytics: Predictive modeling, prescriptive analytics, data visualization, sentiment analysis
- Technologies: Power BI, Azure Data Lake, Databricks, Figma, Tableau
- Tools: SQL, Python, Jupyter Notebooks, Github, Firebase, Android Studio, Unity, AWS
- Soft Skills: Strategic thinking, strong communication, adaptability, attention to detail

## PERSONAL CHARACTERISTICS

- Results-driven with strong commercial acumen
- Creative problem-solver with innovative thinking
- Strong interpersonal skills and emotional intelligence
- Ability to work effectively in a fast-paced, multicultural environment
- High level of integrity and professional ethics
- Self-driven and resilient
- Rigorous and organized

## ACTIVITIES

- Volunteer: Sunday School teacher and Secretary at IDCC Church, Makadara, Nairobi, Kenya (Feb 2019 - Apr 2019)

- Volunteer: Website development teacher at Highway Secondary School, Kenya (Aug 2021 - Dec 2021)
- Professional Swimmer: Participated in national competitions (2009 - present)
- Cooking: Runs a YouTube channel for recipes (Afrochic\_\_)

## REFERENCES

- Daniel Kivuu Mbithi | Digital Communications Specialist | AGCO Corporation – AGCO Africa | Email: [danielmkivuu@gmail.com](mailto:danielmkivuu@gmail.com)
- Ruby Kimondo | Mentor | Strathmore University | Email: [rkimondo@strathmore.edu](mailto:rkimondo@strathmore.edu)
- Bethuel Kimani | Deputy ICT Supervisor | The Attorney General's Office | Email: [bethuel.kimani@ag.go.ke](mailto:bethuel.kimani@ag.go.ke)