AGNES MACHARIA

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PROFESSIONAL PROFILE

A statistics and computer science graduate who is well organized, industrious, result oriented, self-driven, eager and ready to learn more while being creative and competitive; striving to gain new knowledge in every aspect, with the aim of transforming the surrounding for the better. I possess a strong foundation in computer science with intermediate skills in programming in Html, CSS, JavaScript, Python and data science.

WORK EXPERIENCE

Beyond Data ICT, Kenya   May 2024-To date

Part time Volunteer

- Provided data analysis training using R, SPSS, and Python.
- Managed social media accounts to promote data literacy and organization's initiatives.
- Developed and delivered training materials.

Pwani Teknowgalz, *Mombasa, Kenya.*

Ajiraforshe online internship.   August 2024-November 2024

- **Graphic Design:** Proficient in Adobe Illustrator, Photoshop, and Canva. Created visually appealing marketing materials, including social media graphics and product packaging designs.
- **Video Editing:** Skilled in Adobe Premiere. Edited promotional videos, product demos, and short films, enhancing brand visibility and engagement.
- **Web Design:** Experienced in HTML, CSS, and WordPress. Developed and maintained responsive websites, optimizing user experience and SEO.
- **SEO:** Implemented effective SEO strategies, including keyword research, link building, and on-page optimization. Increased website traffic by 20% through targeted SEO campaigns.

Brance Technologies, *Mombasa, Kenya.*

Statistics and Computer Science Intern   January 2023- April 2023

- Developed Flutter applications using Dart programming language.
- Gained hands-on experience in mobile app development.
- Collaborated with a team of developers to implement features and improve app performance.

EDUCATION

The Technical University of Mombasa, *Mombasa, Kenya*   September 2019-2024

Degree: Bachelor of Science in Statistics and Computer Science

St. Alexis Ruchu Girls High School, *Murang'a, Kenya*   2018

Degree: Kenya Certificate of Secondary Education (KCSE)

SKILLS

- Microsoft Office- Word, Excel	- Fast learner and attentive to detail	- Basic knowledge in video editing and videography
- Html, CSS, JavaScript, Python	- Public relations skills	- Ability to work in multicultural environment
- Frameworks/Libraries	- Basic knowledge in graphic design	- Databases and Cloud Computing
- Excellent communication and Interpersonal skills		

VOLUNTARY WORK

Statistics Association of Technical University of Mombasa, Mombasa, Kenya   September 2020– October 2024

Secretary

- Spearheads all club activities with the other club leaders and responsible for recording all the club meetings minutes and doing communication of the club's activities

Muiria Primary School, Murang'a, Kenya   January 2019– August 2019

Peer Teacher

- Tutored Class 8 students in mathematics to prepare them for the Kenya Certificate of Primary Education (KCPE).
- Explained complex mathematical concepts in a simplified manner.
- Conducted practice sessions and solved problems with students.

LEADERSHIP EXPERIENCE

Secretary of Statistics Association of Technical University of Mombasa, Mombasa, Kenya.

- Recorded and disseminated meeting minutes to ensure transparency and accountability.
- Facilitated communication within the club through various channels.
- Actively participated in planning and organizing club activities, contributing to strategic decision-making.

Bible study leader of Christian Union of Technical University of Mombasa, Mombasa, Kenya.

- Managed the organization's library, ensuring efficient organization and accessibility of resources.
- Actively participated in various media-related activities, including projection, graphic design, photography, and videography.
- Trained team members on media tools and techniques to enhance their skills and capabilities.

Chairlady of Math's Club at St. Alexis Ruchu Girls High School, Murang'a, Kenya

- Spearheaded the club activities

REFERENCES

Joan Nabusoba   **Patrick Oginga**

Job Title: Program Director   Job Title: Chief executive Officer

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