

David Waweru Kamunyu

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EDUCATION

(2008-2012) United States International University (U.S.I.U), Nairobi, Kenya

Pursued a degree in *Bachelor of Science in Information Systems and Technology* and concentrated in *Applications*. Degree concentration was comprised of:

- ❖ Operating Systems, Internet Applications, Information System Engineering, Data Structures and Algorithms, Back-end Databases and Structures.

Further studies resulted in obtaining a *minor* in *Japanese*.

- ❖ 5 years' experience in Japanese in reading, writing and conversing.

GPA: 2.643/4.0

TECHNICAL SKILLS & EXPERIENCE

Languages: C#, Javascript (8 years each). XML, HTML/HTML 5/CSS.

Softwares:

- ❖ Operating systems: Windows XP, Vista, 7, 8, 10, Linux, Ubuntu, Macintosh.
- ❖ Software Applications: **Unity 3D** (versions 3.x, 4.x, 5.x, 2017.x, 2018.x), **Audacity, Blender, GIMP, Microsoft Visual Studio 2005/2008, 2010 Express, 2015, 2017, 2019, MonoDevelop, Adobe Photoshop, Inkscape, Net Beans, GIT.**

PROFESSIONAL EXPERIENCE

“The Orchard” (2012 – 2018)

A personal project aimed at sharpening my skills in various areas. This project's major skill requirements were in the field of game development; 3D modelling and texturing, artificial intelligence (AI), environment design, coding/scripting, sound effects (SFX), graphical user interface design(GUI/UI), but to name a few. Further skills developed were project management, planning and execution, product marketing and social media management of several accounts.

(Stand-alone working demonstration, and portfolio of work are available online)

“Ngimurok” - Game based story telling through virtual reality (September 2018 – March 2019)

I was commissioned as part of a team of six to create a virtual reality experience for **Good Times Africa** who were partnering with **Goethe-Institut Nairobi**. The game was an immersive VR experience (using the Oculus GO) for the event “**Africa Nouveau**”, with the theme as “*Africans & Outer worldly beings*”. My responsibilities were programming, animation, UI/UX design and layout, device compatibility and on site support.

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OTHER EXPERIENCE

Member of the Japanese Kenya Student Conference (JKSC) (2011-2012)

Providing assistance as a member of JKSC to help facilitate the various conferences, including the 12th (2011) and 13th Conferences (August 2012) for the United States International University Chapter. Setting up an online pen pal system using social media tools, such as Twitter, Facebook, LinkedIn etc. to help members on either side of the world to communicate.

Japan Information & Culture Centre (JICC) (Part-time, seasonal)

I am occasionally engaged by the Japanese Embassy (location for the JICC) to assist with large events which need extra hands. My duties usually involve helping with the logistics on site, and providing support during the events.

National Hospital Insurance Fund (N.H.I.F.) (May-July 2012)

Duties during my internship required that I provide IT support, for both hardware and software related issues. In addition, I performed several duties in different forms of data entry, querying and retrieval, which gave me experience in different application environments.

VOLUNTEER WORK

Hope House Babies Home Kenya (2011)

- ❖ Tended to the infants and performed household chores for the daily maintenance of the facility (*August 2012*).

Foundation Stone Children Centre, Bondo, Kisumu (2012)

- ❖ Installed several games to help teach the children how to type and make general use of a computer and provided IT support to the staff who had received computers as a donation.

ACHIEVEMENTS

- ❖ *The Orchard* featured as part of the official selection of games at AMAZE Johannesburg, 2017.
- ❖ Participated in Nairobi Comic Conference (NAICCON) 2015, Goethe-Institut Johannesburg's Game Mixer Programme, 2017 and *African Crossroads: 2018* conference, held in Marrakesh, Morocco. Judge at the 9th International Kalasha Awards 2019, for the video game and eSports Section.
- ❖ Completed Japanese proficiency test Level 4.

HOBBIES AND INTERESTS

- ❖ Playing video and board games, reading fictional novels and listening to music
- ❖ Swimming and playing golf
- ❖ Participating in hands on activities especially those involving mechanics and electronics

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REFERENCES

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