

JOSHUA OKORO

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PROJECTS

Loci (Geospatial visual story – Thesis) [link](#) 2023 - 2024

- Visual narration of a building's rich history via animated AR murals using Google's ARCore in Unity Game Engine
- Increased audience historical knowledge of significant places through interactive location-based AR murals

XPlane (AR learning prototype - H.C.D. and Future Professoriate Certificate at Virginia Tech) [link](#) 2023 - 2024

- Demonstrated better learning experience via XR-enhanced collaboration and interaction with teaching materials
- Created a prototype of an AR learning platform via immersive 3D design in Quest 3 and ShapesXR

voodooCam (Creative coding - Technical Art) [link](#) 2022 - 2023

- Created an interactive digital canvas by coding a computer vision script in Processing programming language
 - Organized an interactive art show that demonstrated the importance of human actions in environmental context
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WORK EXPERIENCE

Support Assistant

TLOS Virginia Tech - Virginia, U.S.A.

08/2024 – Present

- Create instructional media designs using cutting edge motion graphics and XR technologies
- Warmly welcome and direct all visitors to ensure they experience a positive and smooth experience at TLOS

Graduate Teaching Assistant (Creative Code and Principles of 4D class)

Virginia Tech - Virginia, U.S.A.

08/2022 – 05/2024

- Supervised over 20 undergraduate students in Creative Code class as they build interactive web designs
- Taught over 30 students design, motion graphics and organized workshops to build their skills and confidence

Visual Designer [link](#)

ARIES Lab Virginia Tech - Virginia, U.S.A.

06/2023 – 08/2023

- Visualized the timeline, effect of the 1910s Vauquois war in France via 3D animation in Blender and After Effects
- Reduced the data processing time of historical maps and timelines of the war by using photoshop and Illustrator

Motion Graphic Designer [link](#)

DM Holdings – Lagos, Nigeria

09/2019 – 02/2021

- Researched new multimedia technologies, enhanced the team's motion graphics and 3D animation progress
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SKILLS

- Motion Graphics / Video Editing / 3D Animation / AR/VR / Photoshop / Illustrator / After Effects / Premiere Pro / Blender / Unity / ARCore / ShapesXR
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EDUCATION

Virginia Tech

MFA in Creative Technologies

May 2024

Grow with Google [link](#)

Google AI Essentials Certificate

June 2024

Virginia Tech

Future Professoriate Certificate

May 2024

Virginia Tech

Human Centered Design Certificate

May 2024

University of Benin

BA in Graphic Design

April 2014