

PETER OKE

Filmmaker · Creative Technologist · Speculative Designer

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SUMMARY

Multidisciplinary filmmaker and creative technologist with 8+ years of practice spanning documentary film, immersive XR environments, speculative design, and foresight methodology. MDes (Digital Futures) at OCAD University with a primary research contribution of the Decolonial Foresight Method (DFM), a peer-reviewed framework for ethical technology futures in the Global South, materialized through the *Oko Ayo*: an interactive VR documentary embedding a biomimetic speculative device for ethical cobalt and lithium extraction in Nigeria. Grounded equally in community-centred filmmaking (PAFF 2026 Official Selection; two Best Documentary Feature wins) and in the technical craft of Unity HDRP, photogrammetry, and physical computing. Seeks roles at the intersection of immersive storytelling, critical design, and African futures.

EXPERIENCE

xAI (Human Data Team) – AI Tutor — Image & Video – Remote

2026 – Present

- Train AI models by evaluating 30 hours of video content weekly, applying expertise in visual storytelling and cross-cultural representation to improve model accuracy in immersive media applications.

OCAD University – Graduate Research Assistant – Toronto

Mar 2025 – Apr 2025

- Designed and facilitated public-facing innovation exhibitions, advising presenters on visual storytelling techniques to maximize audience engagement with complex research data.

Listing AI – Content Producer (Contract) – Toronto

Feb 2025 – Mar 2025

- Shaped the platform's voice and content strategy, working closely with the product, marketing, and AI teams to create high-quality, engaging content that resonates with our users and showcases the power of our tools.

Eastwood Psychologists – Behavioural Therapist – Brampton

Mar 2024 – Sep 2024

- Developed educational content tailored for neurodiverse audiences, applying cognitive psychology principles to improve learning outcomes and translating clinical goals into accessible materials.

Quramo Media – Director of Photography – Lagos, Nigeria

2023

- Led cinematography and visual direction for documentary and narrative productions, collaborating with local crews and community subjects across Lagos.

Forcados Media Studios – Freelance Media Producer – Toronto / Lagos

Feb 2017 – Present

- *Beyond Tarkwa Bay* (dir.): Official Selection, Pan African Film Festival 2026 (Oscar-Qualifying); Nomination, Best Documentary Short, African Film Festival Atlanta 2026.
- *Boys On The Brink* (dir.): Best Documentary Feature, Political Film Festival (Virtual) 2024; Best Documentary Feature, International Gold Awards (New York) 2024.
- Co-created and directed *Rate The Date* (2020) for Accelerate TV, driving measurable viewership and engagement growth.
- Produced strategic documentary content for the Lagos State Government, backed by the Rockefeller Foundation (100RC).
- Managed budgets, casting, and crews for commercial productions ranging from Pepsi concept campaigns to Listing AI brand content.

City University – Psychology Research Assistant – London, UK

Oct 2013 – Aug 2014

- Conducted data analysis using SPSS and Galvanic Skin Response (GSR) sensors to measure emotional arousal in response to music and movement — foundational to current work in embodied interaction.
- Co-authored peer-reviewed publication in *Frontiers in Human Neuroscience* (Oct 2014) on cross-modal bias in emotional experience of dance.

SKILLS

Speculative & Decolonial Design · Foresight & Scenario Planning · VR / XR Development (Unity HDRP/URP) · Documentary Direction & Production

Research-Creation · Photogrammetry (Scaniverse) · Physical Computing & Interactive Installation · UX Research & User Advocacy

Unity (HDRP / URP) · Virtual Reality · Photogrammetry (Scaniverse) · 3D Modelling · Arduino · Physical Computing ·

TouchDesigner · Figma · UX/UI Prototyping · SPSS · Qualitative Interviewing · UX Research · DaVinci Resolve · Adobe Premiere / After Effects / Audition · CapCut · Adobe Creative Cloud · Rapid Prototyping · Laser Cutting · 3D Printing · Git / GitHub · GitHub Pages · model-viewer (GLB/WebXR) · AI Data Annotation (Image & Video) — xAI

EDUCATION

MDes Digital Futures – OCAD University – Toronto

Expected 2026

Focus: Africanfuturism · VR Development · Foresight Methodology · Decolonial Design

Thesis: *Beyond Speculation: A Framework for the Future of African Technology*

BSc Psychology – City University – London, UK

2013

Focus: Research Methods · Cognitive Psychology · Neuroscience

Publication: *Enhancing emotional experiences to dance through music: the role of valence and arousal in the cross-modal bias.* *Frontiers in Human Neuroscience*, Oct 2014.

PROJECTS

Beyond Speculation: A Framework for the Future of African Technology – OCAD University – Toronto

Sept 2024 – 2026

- Originated the Decolonial Foresight Method (DFM) — a three-pillar research framework integrating Africanfuturism, Local Foresight Practice, and Material Translation — developed through expert panel sessions with practitioners across Nigeria, the UK, and Canada.
- Designed and produced *Oko Ayo*, a biomimetic hexapod mining device for ethical extraction of cobalt and lithium in southwestern Nigeria, rendered as a real-time 3D GLB model hosted on GitHub Pages (Google Model Viewer).
- Built a high-fidelity VR Interactive Documentary in Unity HDRP simulating an artisanal cobalt mining site; migrated from URP to HDRP to achieve photorealistic lighting and atmospheric density, enhancing experiential empathy.
- Engineered a non-linear environmental narrative using diegetic prototypes (interactive in-world screens) to guide users through complex socio-economic data without breaking immersion.
- Integrated photogrammetry (Scaniverse) to create 3D scans of personal artifacts as digital memorials embedded in the VR environment.
- Positioned Lagos, London, and Toronto as three epistemic nodes in a transnational argument for African technological sovereignty, drawing on Nick Bernard's cobalt scholarship and Nigeria's Minerals and Mining Act.
- Exhibition complete. Preparing manuscript for submission to Leonardo / MIT Press.

Harmonic Dialogues — Interactive Vocal & Motion Installation – OCAD University

2025

- Engineered a real-time generative art system translating vocal frequency and body movement into physical drawings; programmed micro-controllers to drive servo motors, bridging digital input with physical output.

Echoes of Us — Interactive Installation – OCAD University

2025

- Directed an immersive installation using Arduino-powered sensors (Tilt, Vibration, Distance) and TouchDesigner to trigger branching narratives through physical object interaction; coordinated 4K projection mapping and dynamic LED lighting.

SpinPong — Retro Controller Design – OCAD University

2024

- Designed and fabricated a custom physical game controller using rapid prototyping (laser cutting / 3D printing) and soldering; used light sensors, plywood, and a repurposed bowl to replicate a DJ turntable interaction model.

AWARDS & RECOGNITION

Official Selection — Pan African Film Festival (PAFF) 2026 (Oscar-Qualifying) — Beyond Tarkwa Bay 2026

Nomination — Best Documentary Short, African Film Festival Atlanta — Beyond Tarkwa Bay 2026

Best Documentary Feature — Political Film Festival (Virtual) — Boys On The Brink 2024

Best Documentary Feature — International Gold Awards, New York — Boys On The Brink 2024

CERTIFICATIONS

Google UX Design Certificate – Coursera – 2021