

RESUME

Samuel Opeyemi Falade

Learning Experience & Instructional Design

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PROFESSIONAL SUMMARY

Learning experience designer and UX-informed instructional design professional with experience creating digital learning content, editing educational video, building Canvas LMS courses, and designing interactive learning tools. Background spans multimedia production, learner-centered design, educational technology, and research on adaptive feedback in educational games. Experienced with Adobe Premiere Pro, Photoshop, Figma, Canvas LMS, and video-based learning workflows, with working familiarity in Camtasia and Adobe Captivate. Passionate about translating complex concepts into clear, engaging, and effective learning experiences.

TOOLS & SKILLS

What I work with

LEARNING DESIGN & UX

- Instructional design
- Learner-centered design
- User experience design
- Accessible course design
- Storyboarding
- Educational technology
- Interactive learning design

MULTIMEDIA & ELEARNING TOOLS

- Adobe Premiere Pro
- Adobe Photoshop
- Camtasia
- Adobe Captivate
- Mediasite
- Canvas LMS
- Figma
- Adobe Lightroom

DESIGN & DEVELOPMENT

- Unreal Engine
- HTML
- JavaScript
- CSS
- Python
- C#
- MATLAB

RESEARCH & COLLABORATION

- Usability thinking
- Prototyping
- Academic research
- Qualitative observation
- Cross-functional collaboration

AI & PRODUCTIVITY

- AI-assisted ideation
- Scripting
- Content refinement
- Claude
- ChatGPT
- Gemini

SELECTED WORK EXPERIENCE

Experience

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Graduate Teaching Assistant
Craig & Galen Brown Engineering Honors Program · College Station, TX

Aug 2021 – Dec 2025

Learner-focused instruction & academic support
 - Facilitated ~30 seminars per semester for 400+ first-year engineering students — over 2,000 students across the 2021–2025 appointment — delivering learner-focused instruction and academic support.
 - Designed an accessible Canvas course page to improve navigation, communication, and learner experience.
 - Guided students in professional development, research discovery, and academic engagement through structured instructional support.
 - Provided feedback on student work and supported course delivery across a high-enrollment learning environment.
 - Helped create a positive, organized learning experience for a large and diverse student population.
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Graduate Researcher
Department of Construction Science · College Station, TX

Jun 2021 – Aug 2021

Virtual reality user studies
 - Conducted 60+ virtual reality studies on 50+ participants.
 - Managed 4 undergraduate student workers in the lab.
 - Scheduled study sessions and managed participant correspondence.
 - Administered participant compensation for qualified study participants.
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Design & Production Assistant
Engineering Studio for Advanced Instruction & Learning · College Station, TX

Jun 2020 – Aug 2020

eLearning production & accessibility
 - Designed and built 10+ course experiences in Canvas LMS for clear, accessible, learner-centered digital instruction.
 - Produced ADA-compliant transcripts for 20+ lecture recordings to improve accessibility and usability.
 - Edited educational video in Adobe Premiere Pro and prepared media for delivery via Mediasite and Canvas LMS.
 - Organized, published, and embedded multimedia content across online course environments.
 - Helped translate instructional materials into polished digital learning experiences.
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Graduate Teaching Assistant
Department of Chemistry · College Station, TX

Sep 2020 – May 2021

Course support & communications
 - Documented laboratory activities in photographs for the department's online publication.
 - Proctored examinations and supported course administration.
 - Managed the Slack workspace for TAMU Chemistry graduate recruitment virtual open days.
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Graduate Teaching Assistant
Department of Visualization · College Station, TX

Jan 2020 – May 2020

Photography instruction
 - Evaluated student photography projects and provided constructive feedback.
 - Guided students on assignments and supported skill development in visual communication.
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Graduate Intern — Downstream Gas, Gas Asset Management
Chevron Nigeria Limited · Lagos, Nigeria

Jun 2016 – Apr 2017

Engineering & analysis
 - Designed the internal webpage for the Downstream Gas Department.
 - Built a gas pricing model for non-associated gas assets in Microsoft Excel.
 - Prepared daily production reports for three oil fields and documentation for Quarterly Reconciliation Meetings.
 - Managed shipping documentation and correspondence with regulatory and industry stakeholders.

SELECTED PROJECTS

Things I've designed & built

Adaptive Feedback Educational Game Research

Xcode · ChatGPT · Claude

Designed educational game experiences to study how adaptive feedback influences learner interaction and problem-solving, focused on engaging, effective learning environments.

Teacher Support App Prototype

Figma · Spring 2025

A mobile prototype for teachers to support in-class learner interactions, follow-up tracking, collaborative activity management, and access to learner progress via a connected web portal.

International Student Onboarding App

Adobe Captivate · Fall 2023

An interactive onboarding app for prospective international students from Nigeria — a one-stop hub for pre-arrival information and resources, built to reduce information overload at Texas A&M.

Digital Twin — Offshore Wind Maintenance

Unreal Engine · Spring 2023

Designed and programmed the visual component of an Unreal Engine simulation supporting understanding of maintenance workflows and reducing offshore wind system costs.

VR Forest Fire Visualization

Houdini · Unreal Engine · Summer 2023

Explored Houdini and Unreal Engine pipelines to visualize fire-simulation data for wildland firefighter training.

Cognitive Effects of Video Games

Unreal Engine · Spring 2022

Developed four Unreal Engine games modeled on the Freedom Bridge game to investigate how graphics variations affected participant performance.

EDUCATION

Education

Ph.D. Interdisciplinary Engineering (Engineering Education)

Expected Dec 2026

Texas A&M University

M.S. Visualization

Dec 2023

Texas A&M University

M.S. Exploration Geophysics

Feb 2016

University of Lagos, Nigeria

B.S. Petroleum Engineering

Nov 2009

University of Ibadan, Nigeria

PROFESSIONAL DEVELOPMENT

Certifications

Foundations of UX Design

Dec 2022

Coursera — Google Certificate

Start the UX Design Process: Empathize, Define, Ideate

Coursera — Google Certificate

VOLUNTEER

Giving back

The Battalion

Photographed 50+ events for the university news outlet.

Dec 2022

Web Management

Chevron Nigeria Limited

Lean Sigma Overview

Chevron Nigeria Limited

Feb 2016

Jun 2016

Grace Bible Church

Photographed 30+ services and special events.

International Student Services

Photographed 1,000+ international students across 10+ events.