

Lukundo Changwe

Senior Instructional Designer | Industrial Designer | CAD Designer

Frisco, TX
(214) 714-4458
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EDUCATION

University of Houston Houston, TX

Bachelors of Science in Industrial Design AUG 2014 - MAY 2018

EXPERIENCE

BILT Incorporated Grapevine, TX

Senior Instruction Designer II NOV 2024 - PRESENT

- Lead end-to-end instructional design projects for U.S. Navy & Air Force, aligning multi-stakeholder teams to deliver compliant, high-impact training.
- Manage project scope, strategy, and execution, translating complex data into engaging, actionable learning deliverables.
- Drive adoption of digital training modules, reducing onboarding time and improving learner performance.

Senior Instruction Designer I SEPT 2022 - NOV 2024

- Designed 3D animated instructional experiences, transforming 2D manuals into immersive learning solutions.
- Standardized design workflows, improving efficiency and scalability across projects.
- Partnered with clients and SMEs to conduct needs assessments and deliver tailored instructional outcomes

Fortress Building Products Garland, TX

Industrial Designer/ Technical Writer FEB 2020 - SEPT 2022

Design Responsibilities:

- Brainstormed and conceptualized design ideas, creating models through sketching and using SolidWorks to visualize product concepts.
- Rapidly developed prototypes utilizing 3D printing and traditional methods to test and refine designs.
- Collaborated closely with mechanical engineers and manufacturers to translate design concepts into detailed engineering and manufacturing documentation.

Technical Writer Responsibilities:

- Created user-centered training guides and technical documentation used by thousands of contractors and end-users.
- Collaborated with engineers and product managers to deliver training solutions that improved compliance and reduced errors.

CORE SKILLS

Instructional Design
Program/Project Management
Learning Strategy
Design Strategy
Technical & UX Writing
3D Animation
SolidWorks/Keyshot/CAD
Prototyping
Product Development
Adobe Suite

Career Highlights

Delivered military-grade training programs meeting Navy & Air Force compliance standards.

Improved onboarding efficiency and learner adoption with digital-first training.

Increased design team efficiency by standardizing workflows at BILT.

Developed technical manuals that improved field adoption and safety compliance.

SOCIAL MEDIA

Website/Portfolio:
www.Lukundochangwe.com

Linkedin:
www.linkedin.com/in/lukundochangwe

LANGUAGES

English, Bemba

