

Lukundo Changwe

Industrial Designer, CAD Designer, Technical Writer, & Animator.

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

- Led and executed high-impact design projects for government contracts, including the U.S. Navy and Air Force, ensuring project objectives and client requirements were consistently met.
- Conducted on-site data gathering, collaborating closely with military stakeholders to capture project needs and translate complex data into actionable design solutions.
- Consistently contributed to cross-functional team success by confidently handling complex tasks, including technical design aspects, project scoping, and translating intricate instructions into actionable deliverables.

Senior Instruction Designer I SEPT 2022 - NOV 2024

- Utilized proprietary BILT software to transform existing 2D assembly instructions into detailed 3D animated assembly instructions by using customer or internal company CAD files.
- Conducted comprehensive assembly analysis on customer products to gain a deeper understanding of the assembly process.
- Analyzed and interpreted assembly manuals and technical documentation to ensure accurate representation in instructional content in the BILT app.

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:

- Designed and formatted technical installation instructions for all fortress products, ensuring clarity and consistency.
- Collaborated with product managers and the director of innovation to write, design, and review installation manuals.
- Organized and maintained a database of instructions, tracking revisions, and updates to ensure up-to-date documentation.

HARD SKILLS

Solidworks/Keyshot

CAD Drawing

Animation

Sketching

Concept Development

Design Strategy

Prototyping

Adobe Suite: Indesign, Photoshop, Illustrator

Microsoft Office: Word, Excel

Technical Writing

UX Writing

Wrike

SOFT SKILLS

Design Thinking

Problem Solving

Verbal/visual Communication

Conflict Resolution

Project Management

SOCIAL MEDIA

Website/Portfolio:
www.Lukundochangwe.com

Linkedin:
www.linkedin.com/in/lukundochangwe

LANGUAGES

English, Bemba

