

Experience

Design Research Assistant

NC State/National Science Fnd.
2021 – Present

- ~ Designing and researching for NSF grant (#2055680) to create a VR-based scale cognition learning environment and research technology's role in STEM education.
- ~ Using Unity 3D, Blender, and C# to design and code the environment for both CAVE and HMD.
- ~ Conducting qualitative user research, including A/B testing.
- ~ Managing work of two hourly student technicians.

Product Designer

Deliberate AI
2022

- ~ Created interactive prototypes for new application features using Figma both collaboratively and independently.
- ~ Identified pain points in the existing software and researched appropriate solutions.
- ~ Created marketing assets in Photoshop and Illustrator.

Graphic Designer

National Peace Corps Association
2020 – 2021

- ~ Rapidly developed graphic concepts including identity work for sub-groups, social media, brochures, web, and newsletters (mailchimp).

Frontend Developer

Lemans (parts-unlimited.com)
2019

- ~ Designed & Implemented the UI for parts-unlimited.com, an e-commerce website, using HTML, CSS, Javascript, and Bootstrap 4.
- ~ Wrote Typescript/Angular 2+ code reinforcing and following best practices.
- ~ Reviewed all code from teammates on bitbucket.
- ~ Led meetings developing and determining UX decisions across the website.

Math and Computer Teacher

Peace Corps Tanzania
2016 – 2018

- ~ Taught 40 hours per week in combination Swahili/English from the Tanzanian math and ICT curriculum to class sizes of up to 75 students with ages ranging from 15 – 20.
- ~ Oversaw design and implementation of two community-partnered grants, one through PEPFAR and the other through Let Girls Learn.

Education

North Carolina State University

2020 – 2023

- ~ Master of Graphic & Experience Design
MFA/MDes equivalent

University of Wisconsin–Madison

2012 – 2016

- ~ Bachelor of Science in Computer Science
+ Certificate in Studio Art

Skills

Design

Adobe CC, Figma, Sketch, Blender, Webflow, Unity 3D, Ableton (for sound), Miro, Pen/Paper Sketching

Code

HTML, CSS, Javascript, Three.js, Processing, P5js, React, Angular 2+, Python, C#, C++, Java, Git

Research

Co-design, Rapid Prototyping, User Testing, Speculative Design, HCI, Design-based Discovery

Soft Skills

Teaching, Collaboration, Self-Awareness, Time Mgmt, Humor, Spanish, Swahili