Brian Sekelsky
Graphic & Experience Designer

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Raleigh, North Carolina

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