

MEI-HSUAN (SANDY) LEE

Location: Boulder, CO | Tel: 415-605-6729 | Email: sandylee.product@gmail.com | Portfolio: <https://sandylee.site/>

WORK EXPERIENCE

Lead Product Designer

National Renewable Energy Laboratory – *Renamed National Laboratory of the Rockies*
Golden, CO (Hybrid) | Oct 2023 – Current

- **Own end-to-end product design** for **6+ data-intensive SaaS platforms**, translating complex energy, procurement, policy, and geospatial data into clear, accessible (WCAG 2.1 AA), and intuitive user experiences.
- Drive product decisions with usability testing, surveys, and behavioral analytics; collaborate with engineers and product managers to **translate findings into product strategies**—leading to 10+ projects securing funding for product development.
- **Establish scalable UX infrastructure across teams**, including design system governance (Material UI), Figma standards, reusable templates, and documentation—reducing design-to-dev friction and improving cross-team velocity.
- Sole recipient of the **Key Contributor Award**, recognizing org-wide impact in elevating design maturity, accessibility standards, and cross-functional collaboration.

UX Designer

DUB Lab, University of Washington – *HCI Research Institution*
Seattle, WA (Remote) | Jun 2023 – Oct 2023

- Designed end-to-end mobile product experiences for a **mental-health-focused social app**, grounded in **150+ survey responses** and **20+ co-design interviews** with adolescents.
- **Led product design collaboration with a fully remote, international team** of 8 developers and 2 researchers, aligning research insights, design decisions, and implementation across time zones.
- Synthesized qualitative and quantitative research into **journey maps, UX frameworks, and high-fidelity prototypes**, informing product scope and feature prioritization.

UX Design Engineer Intern

Pax8 – *B2B Cloud Solutions Provider*
Denver, CO (Remote) | Jun 2022 – Aug 2022

- Identified conversion and engagement gaps using Hotjar and Google Analytics, then designed and built 10+ mobile-first, WCAG 2.1 AA landing pages—**driving ~15% increase in site traffic and brand engagement** across America, ASEAN, and EU markets.

Project Manager

Verite Consulting International – *Brand & Strategy Consultancy*
Taipei, Taiwan | Mar 2021 – Jul 2021

- Led brand transformation projects for 10+ Taiwanese firms, facilitating **strategy workshops** that aligned business goals, storytelling, and design execution—outcomes led to repeat contracts for the firm.

UX Designer & Digital Marketing Strategist

Inna Organic – *Organic Beauty Startup*
Taipei, Taiwan | Mar 2019 – Aug 2020

- Designed and optimized global e-commerce UX for America and ASEAN markets, contributing to **130% audience growth** through conversion-focused design decisions.

SKILLS

UX Research

Product discovery
Generative research
User interviews
Usability testing
A/B testing
Behavioral analytics

UX Design

Design systems
Accessibility (WCAG 2.2)
Information architecture
Wireframing
Interaction design
Interactive prototyping
Figma

Front-End Development

HTML
CSS
Javascript
React.js
SwiftUI
Webflow
Framer
Lovable
GitHub

Languages

English
Mandarin

EDUCATION

University of Colorado Boulder

MS, Human-Computer
Interaction
Aug 2021 – May 2023

National Taiwan University

BA, Philosophy
Sep 2015 – Jan 2020