

# MEI-HSUAN (SANDY) LEE

Location: Boulder, CO | Tel: 415-605-6729 | Email: [sandylee.product@gmail.com](mailto: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