

Tee Chuanromanee

tchuanromanee@gmail.com ❖ (734) 417-8613 ❖ Dallas, TX (open to relocating)

WORK EXPERIENCE

Southwest Airlines

March 2023 – Present

Human Factors Engineer

Dallas, TX

- Design and lead mixed-methods research projects using focus groups, interviews, flight data analysis, and conceptual design to understand factors impacting pilots' performance and safety
- Collaborate with 15 risk management partners, project managers, consultants, and researchers to design in-situ placards that increase operational compliance during baggage loading
- Presented impactful recommendations to Directors and Vice President to drive procedure and work environment changes, improving safety
- Created and taught research workshops for junior researchers and expanding to cross-team audience

Meta

May 2022 – August 2022

UX Research Intern, Ad Experiences

Seattle, WA

- Conducted interviews and card sorting studies on ad conversion experience with 18 shoppers in a rapidly-changing environment
- Findings resulted in the naming of Instagram's Link History feature
- Led design workshops with project managers, content designers, product designers, software engineers, and product marketing managers to determine next steps for onsite conversion

Facebook

June 2021 - August 2021

UX Research Intern, App Monetization

Remote

- Interviewed 12 content creators to investigate content monetization pain points, which convinced stakeholders to increase the reach and audience of the Live Breaks product, expanding target verticals five-fold
- In a ten-week hackathon, conducted research that informed the design of Instagram sensitive content warnings
- Created and improved UXR internal documentation for end-to-end research procedures

University of Notre Dame

August 2018 - May 2023

Graduate Researcher

Notre Dame, IN

- Conducted two interview studies with 34 total participants and four focus groups with 21 total participants in the transgender community to investigate pain points find mitigations in using technology for gender transition
- Facilitated a series of three participatory design workshops with 9 participants to inform the design of a web app for reviewing college applications
- Conducted usability testing on mobile breathing apps with 19 users

EDUCATION

University of Notre Dame

May 2023

PhD: Computer Science (Human-Computer Interaction)

Notre Dame, IN

- CSE Department Outstanding Research Assistant (2023)
- GPA: 3.91/4.00

SKILLS

User research: interviews, observation, contextual inquiry, ethnography, usability studies, personas, card sorting, participatory design, focus groups, personas, crowdsourced studies, surveys; **Data analysis:** open and axial coding, thematic analysis, affinity diagramming, grounded theory, hypothesis testing, correlation, regression; **Visualization and Design:** Figma, Tableau, D3.js; **Software Development:** JavaScript, Python, Android Studio, Git, Node.js