

Tee Chuanromanee

Experienced and adaptable researcher

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01. EXPERIENCE

Human Factors Engineer | Southwest Airlines, Dallas, TX

03/2023 – present

- Analyze flight data and crew reports to understand causes and contributing factors to flight incidents
- Design and execute Human Factors research studies, develop and validate metrics, and conduct comprehensive data analyses
- Present actionable research insights to stakeholders to drive procedure changes
- Develop business case to integrate virtual reality into pilot training curriculum

UX Research Intern | Meta, Seattle, WA

05/2022 – 08/2022

- Worked closely with cross-functional team to scope and prioritize research questions in a rapidly changing environment
- Conducted two qualitative studies with 18 shoppers to improve their ad conversion experience
- Presented findings to stakeholders to drive decision-making, which impacted the investment and naming of a product
- Led design workshops with XFN team to determine next steps for product

UX Research Intern | Facebook, Remote

06/2021 – 08/2021

- Interviewed 12 content creators to investigate their pain points in monetizing their content
- Communicated findings to leadership which drove impact through expanding the reach and audience of the product
- As the sole UX researcher in a hackathon, quickly conducted research that informed the design of a new Instagram feature
- Wrote technical documentation for the UX research organization

UX Researcher (Volunteer) | Transverse, Mishawaka, IN

04/2019 – 12/2022

- Designed and evaluated user interface prototypes using Figma and Maze
- Developed Android application for mental health management for transgender individuals
- Led meetings and coordinate organizational operations

Graduate Researcher | University of Notre Dame, Notre Dame, IN

08/2018 – 05/2023

- Conducted semi-structured interview studies and participatory design workshops
- Analyzed qualitative findings using open, axial, and selective coding
- Designed and implemented Mechanical Turk experiments to evaluate cognitive biases

- Created and evaluated visualizations using D3.js and usability testing
- Managed four undergraduate student researchers towards multiple submission deadlines

Undergraduate Researcher | Kettering University, Flint, MI

06/2017 – 08/2018

- Designed, created, and tested a graphical user interface
- Wrote and implemented software to analyze leaf morphology using Matlab

02. SKILLS

User Research Methods: Interviews and Observations, Usability Studies, Thematic Analysis, Affinity Diagramming, Participatory Design, Crowdsourced Studies

Data Collection and Analysis: DScout, Amazon Mechanical Turk, Qualtrics, Open and Axial Coding, SPSS, Atlas.TI, Hypothesis Testing

Interface Design: Figma, Maze, Adobe XD, D3.js, Zeplin

Website Development: HTML/CSS, JavaScript, MySQL, Bootstrap, Django, Drupal

Software Programming: Java, Python, SQL, Android Studio, Git

03. EDUCATION

University of Notre Dame, Notre Dame, IN

03/2023

PhD: Computer Science (Human-Computer Interaction)

GPA: 3.91

Thesis: Designing the Trans Experience: Technology and Common Gender Transition Narratives

University of Notre Dame, Notre Dame, IN

12/2021

MS: Computer Science (Human-Computer Interaction)

GPA: 3.91

Kettering University, Flint, MI

06/2018

BSCS: Computer Science with Economics minor

GPA: 3.95, Summa Cum Laude, Dean's List

Upsilon Pi Epsilon Computer Science Honor Society, Member

Thesis: Diagnostic Assistance Software for Mental Healthcare Providers, Pass With Distinction

04. HONORS AND AWARDS

- Leadership Advancing Socially Engaged Research (2020-2021)
- GEM Associate Fellowship (2019-2020)
- James and Eileen Simon Graduate Fellowship (2018-2019)
- Outstanding Thesis Award (2018)
- President's Medal (2018)
- Kettering Merit Scholarship Award (2015-2018)