

## Tee Chuanromanee

Experienced and adaptable user researcher with a background in computer science

Dallas, TX 75204 (open to relocating)

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### 01. EXPERIENCE

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#### Human Factors Engineer | Southwest Airlines, Dallas, TX

03/2023 – present

- Lead mixed-methods research projects from start to finish in collaboration with stakeholders in other departments to investigate problems affecting Southwest and the entire aviation industry
- Conduct crew interviews and analyze flight data to understand contributing factors to flight incidents and recommend changes impacting training and working environments
- Present actionable research insights to stakeholders in organizations such as Flight Operations, Organizational Health, and Ground Operations to drive procedure and work environment changes within the company
- Create and lead workshops on Python for the Human Factors Engineering team
- Mentor and teach analysts in the team on data collection and analysis

#### 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 cross-functional team to determine next steps for product

#### UX Research Intern | Facebook, Remote

06/2021 – 08/2021

- Interviewed 12 content creators to investigate content monetization pain points
- 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 using Figma and Maze with end-users
- Developed mobile app 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

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**User Research Methods:** Interviews and Observations, Usability Studies, Personas, Card Sorting, Participatory Design, Crowdsourced Studies, In-Situ Testing, Surveys  
**Qualitative Data Analysis:** Open and Axial Coding, Thematic Analysis, Affinity Diagramming, Grounded Theory, Atlas.TI,  
**Quantitative Data Analysis:** Hypothesis Testing, Correlations, Regressions, Python  
**Interface Design:** Figma, Maze, Adobe XD, D3.js, Zeplin  
**Software Development:** Java, Python, SQL, Android Studio, Git, HTML/CSS, JavaScript, MySQL, Bootstrap, Django, Drupal

## 03. EDUCATION

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### 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, Upsilon Pi Epsilon Computer Science Honor Society

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

## 04. HONORS AND AWARDS

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- 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)