**Tee Chuanromanee**Experienced and adaptable researcherDallas, TX 75204 (open to relocating)  
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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, WA05/2022 – 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)