

Tess Eschebach

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EDUCATION

University of Chicago

Ph.D. Student, Computer Science: Human Computer Interaction, Security & Privacy
Advisors: Blase Ur, Allison McDonald, Marc Downie

Chicago, IL
Expected 2028

University of Michigan - Ann Arbor

B.S.E., Data Science, Summa Cum Laude
B.S., Film, Television, and Media, with Distinction

Ann Arbor, MI
2023
2023

RESEARCH EXPERIENCE

University of Chicago (SUPERGroup)

Graduate Researcher

Chicago, IL
September 2023 - Present

- Developed speculative scenarios about an AI agent mitigating fraud and scams and conducted over 20 interviews to generate design recommendations for agent autonomy and data access
- Managed a team of undergraduate and graduate students to compile over 800 pieces of art related to privacy and iteratively coded a sample to inform novel opportunities for privacy design
- Analyzed transcripts of K-12 students who were early adopters of AI with thematic analysis
- Mentored undergraduate students, teaching qualitative analysis skills and academic writing

University of Michigan (CompHCI Group)

Undergraduate Researcher

Ann Arbor, MI
November 2021 - September 2023

- Interviewed 12 educational content creators and analyzed data using iterative open coding
- Implemented multi-threading in Python to modulate a router's blacklist based on wearable input
- Created a speculative design workbook with a team of artists and computer scientists based on thematic analysis of an open ended survey using co-design strategies

University of Michigan (Digital Water Lab)

Undergraduate Researcher

Ann Arbor, MI
May 2021 - May 2022

- Maintained interactive data visualizations in Python on AWS to remotely monitor flood risk

PUBLICATIONS

“Playing ‘Google’s Game’: How Educational YouTubers Manage Tensions Between Education and Monetization.” **Eschebach, T.**, Banovic, N., and McDonald, A.
CSCW 2025, DOI: 10.1145/3757496

PRESENTATIONS

“Learning From Privacy Artworks to Design More Effective Privacy Communication.” **Eschebach, T.**,* Peterson, E.I.C.,* Ur, B. Poster at: Midwest Security Workshop 9; October, 2024; West Lafayette, IN.

*Equal contribution

“Preventing Flooding Through Data Visualization.” **Eschebach, T.**, Schmidt, J., Kerkez, B. Presented at: Data for Public Good Symposium 6; March 2022; Ann Arbor, MI.

EXHIBITION HISTORY

“Consume.” [360 video rendered in Unity.] **Eschebach, T.** Exhibited at: Digital Studies Institute’s Amplify: DSI Student Showcase; April 2023; Ann Arbor, MI

“Making Memories.” [Fine-tuned GAN, HTML site, GIFs.] **Eschebach, T.** Exhibited at: Digital Studies Institute “Amplify: DSI Student Showcase”; April 2022; Ann Arbor, MI

TEACHING EXPERIENCE

University of Chicago

Chicago, IL

Intro to Computer Science - Instructional Assistant

January 2024 - Present

- Redesigned course set-up to use streamlined tutorials to better serve introductory students
- Held weekly office hours and discussion sessions, guiding students through Python questions

University of Michigan - College of Engineering

Ann Arbor, MI

Intro to Computer Security - Instructional Assistant

December 2022 - July 2023

- Developed course materials with Autopsy, Tor, and HTML sites with a focus on accessibility
- Taught a lecture-style discussion section and held weekly office hours for this upper-level course

University of Michigan - School of Information

Ann Arbor, MI

Online Communities - Instructional Assistant

August 2022 - December 2022

- Provided guidance to students using qualitative methods to analyze online communities
- Set-up hybrid communication through a Discord community to promote out-of-class engagement

LEADERSHIP EXPERIENCE

The University of Chicago: Library Student Advisory Council

Chicago, IL

Physical Science Representative

January 2024 - March 2025

- Worked alongside undergraduate and graduate students across disciplines and library administrators to develop programming such as book clubs and promoting circulation of materials

Inter-Cooperative Council: MichMinnie's Cooperative House

Ann Arbor, MI

Treasurer

May 2022 - August 2023

- Managed over \$6000 a month to provide food and utilities for over 40 house residents
- Worked with a non-profit organization to maintain receipts and manage reimbursements
- Ran budget meetings with over 30 individuals to vote on specific allocation of funds

AWARDS

Gary Marsden Travel Awards. SIGCHI. To attend CSCW '25. 2025.

NSF Support for CS&Law '24. To attend CS&Law '24. 2024.

The Daniels Fellowship. The University of Chicago. 2023.

Excellence in Sustainability Honors Cord Program. The University of Michigan. 2022-2023.

Golden Wallet. Winter Annual Meeting. Inter Cooperative Council Ann Arbor. 2023.

Best in Show. Amplify. Digital Studies Institute at The University of Michigan. 2023.

James B. Angell Scholar. The University of Michigan. March 2022.

Honorable Mention. Amplify. Digital Studies Institute at The University of Michigan. 2022.

University Honors. The University of Michigan.

Dec. 2018, April 2020, Dec. 2020, Dec. 2021, April 2022, Dec. 2022.

Dean's List. The University of Michigan.

Dec. 2018, Dec. 2019, Dec. 2021, April 2022, Dec. 2022.

William J. Brainstorm Freshman Prize. The University of Michigan. 2019.

SKILLS

Qualitative Analysis: Grounded theory, open coding, qualitative software (Nvivo, MAXQDA)

Programming Languages: Python (Pandas, PyTorch, TensorFlow), R, SQL, HTML

Creative Software: Adobe Premiere, Adobe Illustrator, Unity and Unreal Engine [for VR]

REFERENCES

References available upon request