

Morgan McErlean

Undergraduate HCI Researcher



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morganmcerlean

PAPERS & PROJECTS

AI Toolkit: Libraries and Essays for Exploring the Technology and Ethics of AI (EAAI 2025)
AIGC, Jupyter, pedagogy

Taxonomy of Deepfake Harms (R&R at CHI) coder, writing, editing

Grant Proposal: Chester-Philadelphia Youth Alliance (under review-Project Pericles)
justice, education, grant co-lead, value of \$25K, part of GEC

Deep Fake Audit social media, content labeling, generative AI

Literature Review of SoK User Studies meta-analysis, coder

Restorative Justice Activists and AI-Harms (Proposed Thesis)
participatory action/design, community-based, AI bias

RELEVANT COURSEWORK

Computational Image Java Script, computer graphics/vision

Social Computing (Spring 2025)
HCI, sociology, sociotechnical

Race, Gender, Class, and the Environment ecofeminism, environmental justice theory

Discrete Mathematics proofs, noncontinuous mathematics

CERTIFICATIONS

CITI Program Social & Behavioral Research

PURSUIITS

Currently a junior at Swarthmore College and following graduation plan to pursue a PhD in Human-Computer Interaction. In particular, interested in research that involves expanding and supporting restorative and environmental justice practices and theory.

EDUCATION

Swarthmore College Bachelor's Degree

Aug 2022 - May 2026 | Swarthmore, PA

- GPA: 3.82/4.00
- Double major: Computer Science (Honors Major) and English Literature with concentration in Literature of the Resistance (Honors Minor)
- Organizations: Varsity Cross Country and Track, Good Energy Collaborative (GEC), Campus Coalition Concerning Chester (C4)

Lady Margaret Hall, University of Oxford Visiting Student

Sep 2024 - Dec 2024 | Oxford, UK

- Subject: English Literature
- Tutorials: Gothic Feminism and Early Modern Women's Writing

Strath Haven High School Diploma

Sept 2018 - June 2022 | Wallingford, PA

EXPERIENCE

Research Assistant Collective Resilience Lab, Swarthmore College

Aug 2024 - Present | Swarthmore, PA: Remote

- Lab goals: Help people resist technologically-mediated harm, ranging from strategic misinformation and hate speech to privacy violations; build sociotechnical systems to repair trust in each other and our institutions; and empower people to advocate for their rights while refusing harmful data and labor practices.
- Current Projects: Deep Fake Audit, Literature Review of SoK User Studies.

Research Assistant Artificial Intelligence Toolkit Lab, Swarthmore College

May 2024 - August 2024 | Swarthmore, PA

- Awarded Bailyn, Lotte L. '51 Research Endowment and National Humanities Center Grant for Responsible Artificial Intelligence (for curriculum development).
- Focus on developing computational essays that center, explore, and contextualize pressing ethical concerns with respect to AI.
 - Specific topics include: Image Generation, Data Manipulation.

Teaching Assistant "Ninja" Swarthmore College CS Department

Sep 2023 - May 2024, Jan 2025-Present | Swarthmore, PA

- Assist in "Introduction to Computer Science," "Data Structures and Algorithms," and "Introduction to Computer Systems" lectures and labs.
- Weekly ninja meetings, focusing on building STEM pedagogy skills.

Intern Philadelphia Young Playwrights

May 2023 - Aug 2023 | Philadelphia, PA

- Support an annual playwriting festival aimed at creating arts-based educational opportunities for elementary, middle, and high schools in the Philadelphia area.
- Read and provide feedback on plays and monologues written by students.