

Hanna Dodd

Waterloo, ON | hdodd@uwaterloo.ca | [hanna-dodd.github.io](https://github.com/hanna-dodd)

Education

University of Waterloo, MMath in Computer Science	2024 – Present
• Thesis Area: Artificial Intelligence, Computational Creativity, Tabletop Role-Playing Games	
Supervisor: Dan Brown, Anamaria Crisan	
University of Western Ontario, MLIS	2023 – 2024
• Research Project: Information Behaviour of Gaming Communities and Tabletop Role-Playing Gamers	
Supervisor: Paulette Rothbauer	
University of Western Ontario, BSc in Computer Science	2018 – 2022
• Thesis: Leveraging GANs in Automated Music Composition	
Supervisor: Mike Katchabaw	
Won the Szilard Award for Theoretical Computer Science (2022)	
• Dean's Honour List	

Publications

Open Access & Scholarly Communication Habits in LIS	2025
<i>Emerging Library & Information Perspectives</i>	
Arseneau, R. & Dodd, H.	
doi.org/10.5206/elip.v7i1.22241	

Conference Presentations

Sentiment Analysis of Tabletop Role-Playing Games	2025
<i>International Conference on Games and Narrative (ICGAN) 2025</i>	
Dodd, H.	
Negotiating Player Identity and Information in TTRPGs	2024
<i>Canadian Association for Information Science (CAIS) 2024</i>	
Dodd, H. , & Rothbauer, P.	
doi.org/10.29173/cais2007	
Art Intelligence: Unpaired Image Translation using a CycleGAN	2021
<i>Canadian Undergraduate Conference on Artificial Intelligence (CUCAI) 2021</i>	
Khan, D., Ananthan, A., Singh, J., Ullah, A., & Dodd, H.	
CUCAI 2021 Proceedings	

Awards & Certifications

Szilard Award for Theoretical Computer Science (\$1000)	2022
Western Scholarship of Excellence (\$2000)	2018
Don Bennett Memorial Scholarship (\$1000)	2018
Canadian of University Women of Burlington Leadership Award (\$750)	2018

Game Portfolio

The Path to Today	2025
<i>Narrative Lead</i>	
• Submission for the IndieCade Climate Jam 2025	

Work Experience

Graduate Teaching Assistant, University of Waterloo 2024 – Present

- CS115 - Introduction to Computer Science 1, Fall 2025
- CS234 - Data Types and Structures, Spring 2025
- CS116 - Introduction to Computer Science 2, Winter 2025
- CS245 - Logic and Computation, Fall 2024

Information, System & Business Analyst, Advancement & External Relations, Wilfrid Laurier University 2023 – 2024

- Acted as the system administrator for iModules, including access management, data maintenance, email marketing, and gift processing forms.
- Maintained and improved the Alumni Engagement Index (AEI), measuring alumni activity, giving, and connection to the university.
- Provided analytical reports on annual giving, fundraising campaigns, and alumni data.

Service & Professional Development

Secretary, Math Graduate Student Association, University of Waterloo 2024 – 2025

- Took accurate meeting minutes and distributed finalized notes promptly to board members.
- Organized board meetings, prepared the agenda, and ensured all required materials were available in advance.
- Maintained confidential digital records for the association in compliance with university standards.

Copyeditor, Emerging Library & Information Perspectives Volume 6, 7, 2024 - 2025

Project Team Member, Western AI 2019 - 2022

- Worked with a team of five undergraduate students to complete a project for CUCAI 2021.
- Developed technical machine learning skills through project execution.
- Created educational resources and guides for future Western AI team members.

Head of Sustainability, Western University Technology Review 2018 - 2022

- Managed the Sustainability Writing Team and provided constructive feedback on pieces in a timely manner.
- Wrote articles focused on current technological issues with relation to sustainability.

[London's Green Waste Program](#), 2021

[The Quayside Project](#), 2020