

# Tim Ribaric

## Curriculum Vitae

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### Education

- In-Progress **PhD Candidate (All But Dissertation) - Educational Studies, Brock University, St. Catharines ON.**
- 2017 **Master of Computer Science, Brock University, St. Catharines ON, Recipient of Distinguished Graduate Student Award.** Thesis: Elliptic Curve Cryptography using Computational Intelligence.  
<http://hdl.handle.net/10464/12832>
- 2006 **Masters of Library and Information Science, University of Western Ontario, London ON.**
- 2003 **Honors Bachelor of Science Computer Science, University of Western Ontario, London ON.**  
Minor in Philosophy

### Work Experience

#### Professional

- January 2022 **Digital Scholarship Librarian, BROCK UNIVERSITY, St Catharines ON.**  
– Present Responsible for the development and delivery of services and content for the Brock University Digital Scholarship Lab <https://brocku.ca/library/dsl> and working on grant funded projects. Administrator of the Brock University Digital Repository <http://dr.library.brocku.ca> and technical contact for Scholarly Journal @ Brock University <http://journals.library.brocku.ca>. Obtained rank of Librarian IV December 1, 2021.
- June 2006 – **Digital Services / Liaison Librarian, BROCK UNIVERSITY, St Catharines ON.**  
June 2018 Duties include development of web tools and services. Ensuring continual access to a collection of approximately 80,000 electronic resources. Responsible for assessing point of failure situations with end users and for staff training in areas of developing technologies. Developing software and creating additional functionality for web-based services. Responsible for collection development, and research support, for Computer Science and Philosophy Departments.

#### Secondments

- July 2018 – **Acting Head, Map, Data, GIS Library/Digital Scholarship Lab, BROCK UNIVERSITY, St Catharines ON.**  
December 2021 Duties included supervision of 5 staff members and daily activity of branch library. Alongside cross campus team bootstrapping the creation of the Brock University Digital Scholarship Lab.

July 2014 – **Acting Head, Library Systems and Technologies**, BROCK UNIVERSITY, St Catharines ON.

A limited-term secondment. Duties include supervising daily activities of 5 staff members and 1 contract student position. Representative to other staff groups within the Library. Making decisions on the future developments of infrastructure, drafting policy and strategic planning documents. Postponed sabbatical to fill this appointment.

### Pre-Professional

May 2005 – **Library Assistant III**, TAYLOR LIBRARY, UNIVERSITY OF WESTERN ONTARIO, London ON.

Responsible for Reserve Collection and staffing Reference Desk.

September 2005 – **MLIS Internship**, TAYLOR LIBRARY, UNIVERSITY OF WESTERN ONTARIO, London ON.

2005 Responsible for operation of the 'Get It' system and numerous instructional initiatives. Front line contact person when technical problem developed with the OpenURL resolver.

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### Teaching

Ongoing **AI and Libraries, for Skeptics**, *Library Juice Academy*, Online.

<https://libraryjuiceacademy.com/shop/course/331-ai-and-libraries-for-skeptics/>

Ongoing **Python for Librarians**, *Library Juice Academy*, Online.

<https://libraryjuiceacademy.com/shop/course/270-python-for-librarians/>

2021 **COSC 3P32 - Introduction to Database Systems**, *Department of Computer Science. Brock University*, St. Catharines ON, January - May.

2007 **COSC 2P14 - Introduction to Operating Systems**, *Department of Computer Science. Brock University*, St. Catharines ON, January - May.

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### Publications

#### Book Chapters

2023 What makes LLMs work? Understanding information authenticity. In S. E. Eaton & R. Kumar (Eds.), *Academic Integrity Lessons: Practical Ideas for Teaching, Learning, and Assessment*. University of Calgary. <https://doi.org/10.11575/PRISM/42226>

Lots of people were exploited to make chatbots nicer for you. In S. E. Eaton & R. Kumar (Eds.), *Academic Integrity Lessons: Practical Ideas for Teaching, Learning, and Assessment*. University of Calgary. <https://doi.org/10.11575/PRISM/42226>

2022 "Put the Fucking Salary in the Job Ad! An Analysis of an Anonymous Corpus of Tweets" In Spencer Acadia (Ed.), *Libraries as Dysfunctional Organizations and Routledge*. Pre-print <http://hdl.handle.net/10464/16867> Dataset: <https://doi.org/10.5683/SP3/PHWSVM>

- 2016 "C" In B. Thomsett-Scott (Ed.), *Librarian's Introduction to Programming Languages*. Lanham MD: Rowman & Littlefield. <http://hdl.handle.net/10464/13594>
- 2014 "Collegial Self-Governance for Professional Librarians: A Look at the Establishment of Library Council at Brock University" In M. Kandiuk & J. Dekker (Eds.), *In Solidarity: A look at the History of the Library Labour movement in Canada*. Sacramento CA: Litwin Books. <http://hdl.handle.net/10464/6005>

### Journals, Serials, & Trade Publications

- 2024 "The Role of Municipalities in Communicating for Community Resilience during the COVID-19 Pandemic: A Study of Niagara Region's Crisis Communications" *Canadian Journal of Communication* 49(1), 64-99. (Co-authored) <https://doi.org/10.3138/cjc-2023-0003>
- "Commentary / AI protections for librarian work: put it in the collective agreement?" *CAUT Bulletin* (Co-authored) <https://www.caut.ca/bulletin/2024/09/commentary-ai-protections-librarian-work-put-it-collective-agreement>
- "Life at the table: The librarian perspective on the negotiating team" *The CAUT Journal*, 2024 Special Issue: The labour activism of post-secondary education information workers 1-16. (Co-authored) <https://journal.caut.ca/index.php/caut-journal/article/view/49>
- 2023 "A Mixed Method Twitter Methodology and Anonymous Corpus" *Journal of Open Humanities Data* 9(8) <https://dx.doi.org/10.5334/johd.109>
- 2022 "Data Analysis as the Next Step" 2600: The Hacker Quarterly 39(1) pp. 18 <https://dr.library.brocku.ca/handle/10464/15769>
- "No Justice, Only Struggle: Academic Restructuring and Library Labour in Authoritarian Capitalism". *Canadian Journal of Academic Librarianship* 8 (Peer Reviewed, Co-authored) <https://doi.org/10.33137/cjal-rcbu.v8.38423>
- 2019 More on university librarians. Editorial. *University Affairs*, September 2019. <https://www.universityaffairs-digital.com/universityaffairs/201905/MobilePagedArticle.action?articleId=1514254>
- Canadian Association of Research Libraries OPEN REPOSITORIES REPORT SERIES Institutional Repository Statistics: Reliable, Consistent Approaches for Canada. December 17. (Co-Authored) [http://www.carl-abrc.ca/wp-content/uploads/2019/12/orwg\\_report1irstats\\_en.pdf](http://www.carl-abrc.ca/wp-content/uploads/2019/12/orwg_report1irstats_en.pdf)
- 2018 "Redux: Tabulating Transactions with Raspberry Pi and Visualizing Results", *code4Lib Journal*, Issue 40, May 7. (Peer Reviewed) <http://journal.code4lib.org/articles/13385>
- "Codifying Academic Freedom: An Examination of Collective Agreements for Librarian Specific Language" Regina SK. May 30. Canadian Association of Professional Academic Librarians Annual Conference. (Peer Reviewed) <http://hdl.handle.net/10464/13962>

- "Canadian Association of University Teachers Bargaining Advisory: Bargaining Parity for Librarians & Archivists."(Co-Authored)
- 2017 "Genetic Programming for Improved Cryptanalysis of Elliptic Curve Cryptosystems", IEEE Congress on Evolutionary Computation. June 5 - 8, San Sebastián Spain. (Peer Reviewed) <http://ieeexplore.ieee.org/abstract/document/7969342/>
- 2014 "Copyright in the Stacks: The Chilling Effects of Unclear Copyright Interpretations in the Canadian Academic Library" in "Canadian Digital Copyright's Second Decade: What's at Stake", Canadian Political Science Association Annual Conference. (Peer Reviewed) <http://hdl.handle.net/10464/6006>
- 2013 "Arduino-enabled Patron Interaction Counting" code4lib Journal, Issue 20, April 14. (Peer Reviewed, Co-authored) <http://journal.code4lib.org/articles/8200>
- "Beyond Open Source Software: Solving Common Library Problems Using The Open Source Hardware Arduino Platform" Partnership: the Canadian Journal of Library and Information Practice and Research, 8(1). (Peer Reviewed, Co-authored) <https://journal.lib.uoguelph.ca/index.php/perj/article/view/2497>
- 2009 "Testing the Off-Site Experience, or, How Well Do You Proxy?" Computers in Libraries 29(1), pp. 18-21 <http://www.infotoday.com/cilmag/jan09/index.shtml>
- "Automatic Preparation of ETD Material from the Internet Archive for the DSpace Repository Platform" code4lib Journal, Issue 8, 2009-09-21 (Peer Reviewed) <http://journal.code4lib.org/articles/2152>
- 2007 "It's Time to Use a Wiki as Part of Your Website." Computers in Libraries, 27(10), p. 24-29 <http://www.infotoday.com/cilmag/nov07/index.shtml>

### Book Reviews

- 2024 "Review of Doctorow, Cory. 2023. The Internet Con: How to Seize the Means of Computation. New York: Verso Books. 192 pp. US\$9.99. E-book. ISBN: 978180429216." Surveillance & Society. 22(1), 68 - 69. <https://doi.org/10.24908/ss.v22i1.16847>
- 2023 "Data Cartels, by Sarah Lambdan" Canadian Journal of Academic Librarianship. <https://doi.org/10.33137/cjal-rcbu.v9.39661>
- 2022 "Understanding Academic Freedom, by Henry Reichman" Canadian Journal of Academic Librarianship. <https://doi.org/10.33137/cjalrcbu.v8.38205>
- "A review of It's not free speech: Race, democracy, and the future of academic freedom" McGill Journal of Education. <https://mje.mcgill.ca/article/view/10222>
- 2021 "Rabbits by Terry Miles" 2600: The Hacker Quarterly (38)2 pp. 51. <http://hdl.handle.net/10464/15244>
- 2013 "Pirate Cinema by Cory Doctorow" 2600: The Hacker Quarterly. 30(2), pp. 48 <http://hdl.handle.net/10464/6011>

## Datasets

- 2024 Huang R., **Ribaric, T.** & Kumar, R. (2024) "PSE policies Canada (July 2024)" <https://doi.org/10.5683/SP3/P5TPTE>, Borealis
- 2022 Ribaric, T. (2022) "Put the fucking salary in the job ad!" Twitter Post Data, <https://doi.org/10.5683/SP3/PHWSVM>, Borealis

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## Presentations & Conference Papers

- 2024 "Comparative Academic Freedom Content Analysis: A investigation of two contrasting views". June 15. Canadian Society for the Study of Higher Education (CSSHE) Conference 2024, Montreal, Quebec. [https://www.youtube.com/watch?v=Va0\\_Wc4-qWs](https://www.youtube.com/watch?v=Va0_Wc4-qWs)
- Huculak, M., McCue, R., Grgurić, E., & **Ribaric, T.** "Establishing ML and LLM support through workshops in academic libraries: challenges and lessons learned.". June 20. Canadian Society for Digital Humanities (CSDH) Conference 2024, Montreal, Quebec.
- Fink, J. & **Ribaric, T.** "Machine Learning and You: A Whirlwind Tour". October 23. Access Conference 2024, Montreal, Quebec. [https://github.com/elibtronic/ML\\_Whirlwind/](https://github.com/elibtronic/ML_Whirlwind/)
- 2023 "Provider and User: Supporting Yourself Using Github". Online. February 3. Ontario Library Association SuperConference (Co-Presenter)
- "All Our Yesterdays: A toolkit to explore web archives in Colab". Online. May 3. International Internet Preservation Consortium (Co-Presenter)
- "What's WARC got to do with it? Reframing Web Archives as an Opportunity for Experimental Information Literacy". May 17. WILU 2023 (Co-Presenter)
- Ribaric, T. Electronic Monitoring in Post Secondary Ontario: Does Surveillance Stifle Academic Freedom. May 30. Canadian Society for the Study of Higher Education (CSSHE) Conference 2023, Toronto, Ontario. <https://youtu.be/D7hXyvKXFhA>
- Ribaric, T.** & Kumar, R. How doe Collective Agreements Stack Up: Implications For Academic Freedom. May 29. Canadian Society for the Study of Higher Education (CSSHE) Conference 2023, Toronto, Ontario.
- Murgu C., **Ribaric T.**, Sharron D., Koerber D., Johnson F., Smith, K. Municipal Crisis Management in the Niagara Region: Using Web Archive Collections to Analyze Municipal Communication in Digital Spaces during COVID19 Canadian Historical Association (CHA) Conference 2023, Toronto, Ontario.
- Korber et. al. Understanding Municipal Crisis Communication during COVID-19: A Big Data Approach. International Association for Media and Communication Research Annual Conference.
- 2022 "Promoting digital scholarship and open Pedagogy through faculty cohort programs". Online. February 4. Ontario Library Association SuperConference (Co-Presenter)
- "Educational Technologies for Open Pedagogies". Online. March 9. Open Education Symposium, University of Alberta. (Co-Presenter)

- "Library as Laboratory: Applications of Web Archive Research". Online. March 16. Internet Archive. (Co-Presenter) <https://archive.org/details/applications-of-web-archive-research-archives-unleashed>
- "Re-thinking Paid Work: An Analysis of the Scope of Perspectives on Work and Labour on the Anti-Work Subreddit". Canadian Association for Work & Labour Studies Annual Conference. Online. May 18. (Co-Presenter)
- "No space but virtual space". Canadian Digital Scholarship Librarians Community of Practice 2022 Meetup. Online. November 25. (Lightning Talk)
- "Library Carpentry from in person to online: What was lost, what was gained". Online. University of Toronto, Digital Pedagogy Institute. (Peer Reviewed, Co-Presenter). August 11.
- "A Tale of Whoa, Carving Out a Digital Scholarship Service". Online. October 15, Canadian Digital Scholarship Librarian Community of Practice. 2021 Meetup. (Lightning Talk) [https://github.com/CanDSLlibrarians/2021\\_meetup/blob/main/presentations/03\\_Ribaric\\_Lightning\\_Talk.pdf](https://github.com/CanDSLlibrarians/2021_meetup/blob/main/presentations/03_Ribaric_Lightning_Talk.pdf)
- 2020 "To Jupyter and Beyond: Computational Notebooks in the Library" Toronto ON. January 29. Ontario Library Association SuperConference. (Co-Presenter)
- "Selling Infrastructure as a Service to faculty" Online. October 23. Access Conference. (Peer Reviewed) (Video of Presentation) <http://hdl.handle.net/10464/14959>
- 2019 "Brock's New Digital Scholarship Lab: Partnering and Collaborating for Success" Toronto ON. Feb 1. Ontario Library Association SuperConference. (Co-Presenter) <http://hdl.handle.net/10464/13916>
- "Cluster Computing for Humans -OR- Have you heard of this HPCPack?" Hamilton ON. May 30. code4Lib North. <http://hdl.handle.net/10464/14145>
- "Git It Done with GitHub: Digital Scholarship with Open Tools" Toronto ON. June 3. Digital Odyssey. (Lightning Talk) <http://hdl.handle.net/10464/14144>
- "A Community Without a Space: Digital Scholarship at Brock University" Waterloo ON. July 31. Digital Pedagogy Institute. (Lightning Talk & Full Presentation) <http://hdl.handle.net/10464/14439>
- "Particular case and the big picture" Ottawa ON. October 25. CAUT Librarians' & Archivists' Conference: Navigating the Reorganization. (Panel Moderator)
- "Academic Freedom and Collegiality in the Profession" Toronto ON. November 15. Charting Our Course: Empowering Librarians at the University Of Toronto. Organized by University of Toronto Faculty Association. (Panel Member)
- 2018 "Gathering Library data and creating visualizations the easy way!" Toronto ON. Feb 2. Ontario Library Association SuperConference. (Poster) <http://hdl.handle.net/10464/13352>
- "The Super Debate: Be It Resolved that Makerspaces Are A Waste of Resources" (Co-Presenter) OLA SuperConference. Toronto ON. January 31, 2018.
- "RA 21: What are you doing to protect your patrons?" Access Conference. Hamilton ON. Oct 10. (Peer Reviewed) (Video of presentation)

- 2017 "I didn't become a worse Librarian when I became a Grad Student" Ottawa ON. May 11. code4Lib North. (Lightning Talk) <http://hdl.handle.net/10464/12959>  
 "Extreme ethnography: How I became a grad student to be a better librarian" Edmonton AB. May 24. WILU 2017. (Peer Reviewed) <https://doi.org/10.7939/R33T9DK7F>
- 2016 "Hatching Open Access Journals: Hands-on Experience Creating and Publishing a Journal with Open Journal Systems" Ontario Library Association SuperConference. Toronto ON. January 28. (Co-Presenter)  
 "Cracking Elliptic Curve Cryptography with Genetic Algorithms" Mapping the New Knowledges Conference. St. Catharines ON. April 7.  
 "Twitter Bots" (Lightning Talk). Code4Lib North. Kitchener ON. May 26.  
 "Hello Friend. May I Introduce you to Linux" Code4Lib North. Kitchener ON. May 27.  
 "A Twitter Bot for the rest of us". Access Conference. Fredricton NB. October 4-7. (Peer Reviewed) (Video of Presentation)
- 2015 "Working with data using Open Refine and Other Tools". Ontario Library Association SuperConference. Toronto ON. January 29.  
 "Open Journal Systems Training Workshop". (Co-hosted 2 day workshop with 3 colleagues from other Ontario universities. McMaster University.) May 13-14.  
 "Look at all the cool things OpenRefine can do." Code4Lib North. St.Catharines ON. June 4.
- 2014 "Programming the Web with APIs" Ontario Library Association Super Conference. Toronto ON. January 30. (Co-Presenter)  
 "OLITA wants you! To hack an ebook reader" Code4Lib North, London ON. April 30.  
 "We need to have a conversation about OpenURL. A close look at the corpus of error reports from the 2013 academic year. Or, how I learned to stop worrying and give up on clean metadata" Access 2014. Calgary AB. (Peer Reviewed Poster Presentation) (Winner of Poster Contest) September 29 - October 2. <http://dr.library.brocku.ca/handle/10464/5756>  
 "Have you tried turning it off and on again? Rebooting Library IT Conversations" Access 2014. Calgary AB. (Peer Reviewed Panel Presentation) October 2.  
 "Arduino and Raspberry Pi for the Uninitiated" Ontario Library Association Education Institute. (Webinar) December 2.
- 2013 "Hardware Hacking with Arduino for Fun and Profit!" Ontario Library Association Super Conference. Toronto ON. February 1. (Co-Presenter)  
 "Make Your Own API" Computers In Libraries 2013. Washington DC. April 9.  
 "Make Your Own Proxy?" Code4Lib North. Toronto ON. May 24. (Co-Presenter)  
 "Librarian, Publisher" Ontario Scholars Portal and Public Knowledge Project. June 27. (Co- Presenter Webinar)

- "What School are you from again?" Detecting Bias in Journal Literature. Scholars Portal Resource Sharing Day. December 6. (Lightning Talk)
- "Developing hardware solutions to academic data/research problems using off-the-shelf components" Faculty Outreach Working Group Workshop Series (Co-Presenter) December 10.
- 2012 "Circumvention using the Cloud?" Code4Lib North. Windsor ON. May 25.
- "The Triumphs and Tribulations of a Web Scale Discovery Implementation", Library 2.01 Conference. October 4, 2012. (Co-Presenter, Online Conference)
- "Books and Journals with the help of our friends", Scholars Portal Resource Sharing Day. Toronto ON. December 5, 2012. (Lightning Talk)
- 2011 "Taking fuzzy data from a black box, crossing your fingers and putting it in your OPAC" Library and Information Technology Association (a division of ALA) National Forum. St. Louis Missouri. September 29 - October 2.
- "Creating content access through mobile devices" EZproxy Virtual Users Group. Online Webcast. Thursday November 17.
- 2010 "Adding Material to a DSpace Installation automatically with the help of the Internet Archive" Canadian ETD and Open Repositories Workshop. Ottawa Ontario. May 9-11. (Poster Presentation)
- "Institutional Repositories 101: Or the Birth of the Brock Digital Repository" WNYO/ACRL Fall 2010 Conference, East Aurora NY. November 30.
- 2009 "ERM Implementation and population" Eastern Canada Innovative Users Group Conference. Toronto, Ontario. April 3.
- "SFX for ERMs?" Ontario Council of Academic Libraries SFX Training Day. Toronto Ontario. October 19.
- 2008 "Going Live on a Shoestring Budget: An Open Source VR Solution." Ontario Library Association, SuperConference. Toronto, Ontario. February 1. (Co-Presenter, Poster Presentation)
- "Virtual Reference With Crafty Syntax" Western New York Southern Ontario, Association of College and Research Libraries, Spring 2008 Conference. Niagara Falls, New York. May 2. (Co-Presenter, Poster Presentation)

## Invited Guest Speaking

- 2024 **Ribaric, T.** & Farnum, C. "AI & Academic Labour: How unions should strategize about AI". November 20. The Association of Academic Staff of the University of Alberta.
- 2022 "Teaching the Whys and Hows of Creating and Using Web Archives". International Internet Preservation Consortium Web Archiving Conference. Online. May 24. (Co-Presenter)
- "The Evolution of Coding Instruction". Digital Odyssey, Presented by OLITA. Online. June 14. (Co-Presenter)



- 2021 "Library Council: Why one is imperative". Online. April 22. Simon Frasier University.
- 2019 "The Nation Perspective: How CAUT and collective bargaining has made a difference in the lives of Librarians and Archivists" Toronto ON. November 15. Charting Our Course: Empowering Librarians at the University Of Toronto. Organized by University of Toronto Faculty Association.
- 2016 "The Benefits of Self-governance for Professional Librarians" February 16. The Association of Academic Staff of the University of Alberta. Edmonton AB.
- "Niagara Knowledge Network Forum". Niagara Falls Ontario. November 16. Guest Speaker.

## Awards & Grants

- 2024 Match of Minds Grant. Internal Brock University award given to analysis academic integrity policies of Canadian universities. *\$5000*
- 2022 Match of Minds Grant. Internal Brock University award given to develop a Web Archives Analysis Platform. *Primary Investigator. \$5000*
- 2021 Archives Unleashed Cohort Grant: Crisis Communication in the Niagara Region during the COVID-19 Pandemic. Provided by Mellon Foundation. *Primary Investigator. \$11000*. Project website: [https://brockdsl.github.io/archives\\_unleashed/](https://brockdsl.github.io/archives_unleashed/)
- 2020 Research Course Release. Awarded for research activity results in workload significantly beyond the expectations. Brock University.
- 2010 Travel Bursary. Provided by the 2010 Canadian ETD and Open Repositories Workshop.

## Peer Review

Access Conference	2014, 2016 - 2022
Brock Education Journal	2020, 2024
Canadian Journal of Academic Librarianship	2015, 2016, 2018, 2024
ETD Conference	2013
Journal of Open Humanities Data	2023, 2024
Journal of Radical Librarianship	2023
Partnership The Canadian Journal of Library and information Practice and Research	2015

## External & Grant Review

Lakehead University, Promotion and Tenure Committee	2019
Mitacs Grant	2023
Thomson Rivers University, Promotion and Tenure Committee	2018
Trent University, Library Permanency Committee	2020
University of Minnesota, Continuous Appointment and Promotion Committee	2023
University of Toronto Governing Council, Librarian Promotion Committee	2020
York University Libraries, Continuing Appointment and Promotion Committee	2024

## Committees & Appointments

### Profession

Access Conference	Session Convener	2014, 2019
CAPAL Annual Conference	Session Convener	2018
CAPAL Research & Scholarship Mentorship Program	Mentor	2024
CARL Open Repositories Working Group	Member	2018 - Present
CAUT Executive Committee	Member	2018 - 2020
CAUT Librarians' and Archivists' Committee	Chair	2018 - 2020
	Member	2013 - 2018
Canadian Association of University Teachers Journal	Managing Editor	2021 - Present
code4lib North	Conference Organizer	2015
Library Carpentry Advisory Group	Member	2019 - 2022
Networked Digital Library of Theses and Dissertations	Board Member	2012 - 2015
Ontario Library and Information Technology Association	Councillor-at-Large	2012 - 2015
Ontario Library Association SuperConference	Session Convener	2014 - 2015
Workshop in Library Use (WILU)	Session Convener	2017

## Union

Assistant Grievance Officer	2020 - 2022
Communications Director	2023 - 2025
Hiring Advice Committee	2020 - Present
OCUFA Board Member	2023 - Present
Member at Large	2020 - 2021
Negotiating Team	2014
Professional Librarian Representative	2009, 2012, 2015 - 2017, 2021-2023
Student Appeals Committee Observer	2018 - 2014
Vice President	2020

## University

Computer Science Departmental Committee	Graduate Student Representative	2015
Governance Committee	Member	2008, 2021, 2024
Information Technology and Infrastructure Committee	Member	2014, 2017
	Vice Chair	2018
	Chair	2019 - 2022
Parking Appeals Committee	Member	2009 - 2014
Brock University Senate	Senator	2017 - 2022

## Library

Library Council	Secretary	2009, 2020
	Chair	2010, 2016
Review Committee, Associate University Librarian	Member	2013
Search Committee, Associate University Librarian	Member	2018
Search Committee, Data/Government Documents Librarian	Member	2011
Search Committee, Electronic Resources Librarian	Member	2011
University Librarian Hiring Committee	Member	2014
University Librarian Review Committee	Member	2009

## Professional Development

2024-02-23 OCUL Hackfest on Whisper.ai

2024-05-08 ALA Core Peer Review Training for Information Technologies and Libraries  
 2024-03-31 Legal Seminar on Research Confidentiality - Presented by Goldblatt Partners LLP  
 2024-05-24 Librarian Research Support Committee Library Research Retreat  
 2024-06-05 From the I-Ching to ChapGPT: A Brief History of AI and Some Historical and Current Applications - Digital Research Alliance of Canada  
 2024-06-06 AI Showcases - Digital Research Alliance of Canada  
 2024-06-07 Academic Libraries and Machine Learning: Transforming the Library - Digital Research Alliance of Canada  
 2024-06-27 From Targeting in Academia to Promoting Trust and Understanding - University of Waterloo  
 2024-08-13 Digital Pedagogy Institute  
 2024-08-19 The State of Political Philosophy in Canada - The Macdonald-Laurier Institute  
 2024-08-28 Exploring Elsevier's APIs Webinar  
 2024-10-02 Introducing Digital Scholarship: Data Analysis, Open-Source Tool Development, Platform Governance and Algorithmic Harms - Sherman Centre for Digital Scholarship, McMaster University  
 2024-10-23 Access Conference  
 2024-11-07 AI Day - Presented by Brock University Computer Science Department

2023-01-26 CARL 2022 Canadian Web Archiving Symposium  
 2023-02-04 Ontario Library Association SuperConference  
 2023-02-16 Computational Approaches for Text Preparation and Analysis, Sherman Centre, McMaster University  
 2023-02-20 Harry Crowe Foundation Conference  
 2023-05-24 IIPC Web Archiving Conference  
 2023-05-28 Canadian Society for the Study of Higher Education - Annual Conference  
 2023-06-14 Ontario Library Association Information Technology Association - Digital Odyssey  
 2023-08-09 Digital Pedagogy Institute  
 2023-10-13 Access Conference  
 2023-10-21 Canadian Association of University Teachers, Librarians and Archivists Conference  
 2023-11-09 AI Day 2023, Brock University  
 2022-10-27 Canadian Digital Scholarship Librarians Community of Practice Annual Meetup

2022-02-04 Ontario Library Association SuperConference  
 2022-02-27 CARL 2022 Canadian Web Archiving Symposium  
 2022-02-10 Harry Crowe Foundation Conference  
 2022-03-02 CAUT Grievance Handling Workshop  
 2022-03-07 Open Education Symposium  
 2022-03-08 Compute Canada Federation National Training: RDM from Plan to Preservation

2022-05-28 IIPC Web Archiving Conference  
 2022-08-09 Digital Pedagogy Institute  
 2022-09-12 Access Conference  
 2022-10-20 CAUT Librarians' & Archivists' Conference  
 2022-11-25 Canadian Digital Scholarship Librarians Community of Practice Annual Meetup  
  
 2021-06-14 DH@Guelph Summer Workshops. Distance Reading in Theory and Practice  
 2021-08-10 Digital Pedagogy Institute  
 2021-10-19 Access Conference  
  
 2020-01-29 Ontario Library Association Super Conference  
 2020-10-19 Access Conference  
  
 2019-01-02 Ontario Library Association Super Conference  
 2019-05-30 code4Lib North  
 2019-06-03 Ontario Library Association Digital Odyssey  
 2019-07-31 Digital Pedagogy Institute  
 2019-09-30 Access Conference  
 2019-10-25 CAUT Librarians' & Archivists' Conference: Navigating The Reorganization (**Member of Organizing Committee**)  
  
 2018-01-31 Ontario Library Association Super Conference  
 2018-04-14 DH@Guelph Summer Workshop - University of Guelph  
 2018-04-29 Canadian Association of Professional Academic Librarians Annual Conference  
 2018-07-05 Obtained Software Carpentry Instructor Certification  
 2018-10-10 Access Conference  
 2018-06-11 Library Management Skills Institute (LMSI I: The Manager)  
  
 2017-04-01 Introduction to Digital Humanities - Library Juice Academy  
 2017-05-10 code4Lib North  
 2017-05-22 Workshop for Instruction in Library Use (WILU)  
 2017-06-05 IEEE Congress on Evolutionary Computation  
 2017-08-16 Digital Pedagogy Institute  
 2017-09-27 Access Conference  
 2017-10-01 Humanities Librarianship in a Digital Age - Library Juice Academy  
  
 2016-01-28 Ontario Library Association Super Conference  
 2016-05-26 Code4Lib North  
 2016-10-04 Access Conference  
 2016-10-22 CAUT Librarian's Conference

2015-01-28 Ontario Library Association Super Conference  
 2015-04-24 Seeding Digital Scholarship. Sherman Center for Digital Scholarship, McMaster University  
 2015-06-04 Code4Lib North  
 2015-08-12 IEEE Conference on Computational Intelligence in Bioinformatics and Computational Biology  
  
 2014-01-29 Ontario Library Association SuperConference  
 2014-04-29 Open Access Colloquium  
 2014-05-01 Code4Lib North  
 2014-05-25 Canadian Association of Professional Academic Librarians - Annual Congress  
 2014-05-26 Canadian Political Science Association, Annual Conference  
 2014-06-07 Ontario Library Association Information Technology Association - Digital Odyssey  
 2014-07-02 Canadian Association of University Teachers: Building a Better Association Workshop  
 2014-09-27 Access Conference  
  
 2013-01-31 Ontario Library Association Super Conference  
 2013-02-22 Ontario Council of University Libraries Unified Resource Management Symposium  
 2013-04-08 Computers In Libraries  
 2013-05-23 Code4Lib North  
 2013-06-07 Ontario Library Association Information Technology Association - Digital Odyssey  
 2013-06-17 Canadian Association of Research Libraries: Library Research Institute **(Received travel bursary from Brock University Library to attend.)**  
 2013-10-17 Canadian Association of Research Libraries: Canadian Library Assessment Workshop  
 2013-10-24 CAUT: Negotiations Workshop  
 2013-12-04 Scholars Portal Research Sharing Day  
  
 2012-02-01 Hand Held Librarian VI Conference  
 2012-02-03 Ontario Library Association SuperConference  
 2012-04-18 Instructional Skills Workshop  
 -2012-04-27 WNYO/ ACRL 2012 Spring Conference  
 2012-05-08 Ontario Library Association Information Technology Association - Digital Odyssey  
 2012-05-24 Code4Lib North.  
 2012-10-17 Access Conference  
 2012-10-25 CAUT Librarian's Conference  
 2012-12-05 Scholars Portal Resource Sharing Day  
  
 2011-02-23 Handheld Library IV Conference

2011-04-29 WYNO/ACRL 2011 Spring Conference

2011-06-06 Open Repositories 2011 **Received travel bursary from the organizers of the 2010 Canadian ETD and Open Repositories Workshop to attend.**

2011-09-29 Library and Information Technology Association National Forum

2011-11-18 A crisis or an opportunity?

2011-12-09 Scholars Portal Resources Sharing Day

  

2010-04-21 Scholars Portal Road Show

2010-05-06 Code4Lib North

2010-09-06 Canadian ETD and Open Repositories Workshop

2010-11-05 WNYO/ACRL Fall 2010 Conference

  

2009-04-03 Eastern Canada Innovative Users Group Annual Conference

2009-04-07 Scholars Portal E-Book Platform Presentation

2009-05-11 Programming for Drupal Training

2009-10-19 SFX Training Day

2009-11-10 ExLibris SFX Version 4 Product Demonstration

2009-12-11 Scholars Portal Day

  

2008-01-02 Ontario Libraries Association SuperConference

2008-07-11 Computers In Libraries Conference

2008-10-01 Access Conference

2008-12-12 Scholars Portal Day

  

2007-01-31 Scholars Portal Day

2007-02-01 Ontario Libraries Association SuperConference **Received First Time Attending Scholarship**

2007-12-13 SFX & OpenURL training sponsored by the Ex-Libris Company. Toronto ON.

2007-12-14 Scholars Portal Day. Toronto ON.

  

2006-11-02 Eastern Canada Innovation Users Group Annual Conference. Kitchener ON.

## Professional Organizations

- Ontario Library Association
- Canadian Association of Professional Academic Librarians
- Canadian Society for the Study of Higher Education

## Computer Skills

Shared Code **Github.**

Most code projects shared via <https://github.com/elibtronic/>

Languages **Python.**

Skills include data analysis, visualizations, and metadata conversion. Extensive experience with Distributed Evolutionary Algorithm in Python <https://deap.readthedocs.org/en/master/>

**PHP.**

Skills include using PHP as a web content system and processing XML data. Using PHP to add functionality and extending modules of popular web based applications.

**AJAX & Javascript.**

Skills include utilizing Java to create asynchronous web-applications based on the AJAX platform. Using Javascript to create interactive additions to websites. Working knowledge of JQuery and jQuery Mobile.

**XSLT & HTML.**

Skills include manipulating CSS, form processing, manipulating rendered pages with DOM directives, and creating mobile suitable displays of existing sites, generating crosswalks.

System **Linux.**

Knowledge Advanced knowledge of Debian/Ubuntu distribution. Completed Linux Software Foundation "Introduction to Linux System Administration" training course.

**Database Management Systems.**

Skills include manipulation and creation of relational databases (MySQL, PostgreSQL) and document storage databases (MongoDB, CouchDB) for usage in web-based and data collection projects.

**Docker.**

Able to deploy / create docker containers using Portainer web-interface and via desktop deployment. Some experience with deploying services to Azure.

**Jupyter and Computational Notebooks.**

Skills include development of workshop material, analysis, and standalone self-driven technical instruction.

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## Select Projects & Software Skills

**AI in Libraries Database**, [https://elibtronic.github.io/AIL\\_Database](https://elibtronic.github.io/AIL_Database).

Collaborative capstone database project created by graduating students from *AI and Libraries for Skeptics*, from Library Juice Academy.

**All Our Yesterdays Toolkit**, <https://brockdsl.github.io/AOYTK>.

Project website that chronicles the outcome of multi-year Carnegie Mellon funded project called *Archiving the Web*

**Crisis Communication in Niagara**, [https://brockdsl.github.io/archives\\_unleashed](https://brockdsl.github.io/archives_unleashed).

Library Specific data visualization platform built using Google Apps and D3.

**Library Data Visualization Toolkit**, <https://elibtronic.github.io/LibraryDataVis>.

Library Specific data visualization platform built using Google Apps and D3.

**LIS\_Grievances**, <http://lisgrievances.com>.

Twitter bot that posts messages anonymously. Data generated by this project was analyzed in subsequent book chapter and a series of peer-reviewed articles.

**Proxy Link Checker**, <http://library.brocku.ca/proxy/checker.php>.

An AJAX powered application that validates remote user accessing resources with EZProxy.



**Tabulatron**, <http://github.com/elibtronic/tabulatron>.

Software that supports an Arduino based tabulation machine. This tabulation machine was featured in two articles and is actively being used by Brock University Library for gathering statistics at two different service points.

## Supported Library Specific Systems

**DSpace**, <http://dr.library.brocku.ca>.

The D-Space is the platform of the Brock University Digital Repository which contains a vast collection of electronic theses digitized documents of interest to the Brock community. Have been using the product since 2007 and have submitted bug fixes and code enhancements to the D-Space community

**Open Journal System**, <http://brock.scholarsportal.info/journals>.

The Open Journal Systems is the open source platform that allows for the publication of peer-reviewed journal content. I am currently the administration for the Brock University instance of the software and am responsible for the operation of 6 hosted journals found on that site.