




# Kaari Landry | Curriculum Vitae

 (ask) •  Winnipeg MB •  contact@kaarilandry.com

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## EDUCATION

**Ph.D., Computer Science - Bioinformatics Lab** Fall 2019 - ongoing  
*University of Manitoba, Winnipeg MB*

- GPA 4.5/4.5
- Research topic is Algorithms in Phylogenetic Networks
- Advisor - Dr. Olivier Tremblay-Savard

**Bachelor of Computer Science - Honours** Summer 2017 - Summer 2019  
*Dalhousie University, Halifax NS*

- GPA 3.44/4.3
- Honours thesis in algorithms in bioinformatics: Advisor - Dr. Norbert Zeh
- Thesis: “Reliability of Clustering for Binary Phylogenetic Trees”

**Bachelor of Fine Arts - Studio Major** Winter 2012 - Spring 2016  
*NSCAD University, Halifax NS*

- GPA 3.68/4.3
- Interdisciplinary studio with experience in foundry, animation, and printing
- Self-directed work focused on mixed-media drawing and life painting

**Faculty of Fine Arts and Education** Fall 2008 - Fall 2010  
*University of Lethbridge, Lethbridge AB*

- GPA 3.37/4.0
  - General studies in art and education with no degree awarded
  - Pursued minor in French education including linguistics
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## CERTIFICATION

**Graduate Teaching Program (Novice Level 1)** 2019-2022  
*Centre for the Advancement of Teaching and Learning, University of Manitoba, Winnipeg MB*

- Accreditation provided by SEDA, professional association for “Staff and Educational Developers Association” of the UK
  - Various workshops, assessments, and presentations on teaching in higher education
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## EXPERIENCE

**Teaching Assistant and Marking** Winter 2019 - ongoing  
*University of Manitoba, Winnipeg MB*

- Courses: COMP 1010 Intro to CS, COMP 1020 Intro to CS 2, CSCI 3030 Automata Theory and Formal Languages

*Dalhousie University, Halifax NS*

- Courses: CSCI 1110 Intro to CS, CSCI 2110 Data Structures and Algorithms, CSCI 3136 Principles of Programming Languages

**Other Teaching and Tutoring**

*Halifax NS*

- Dalhousie Computer Science Resource Centre, one-on-one and small groups homework help for all undergraduate courses (2019)
- Private Tutor: English as a second language writing specialty (2012-2015)

*Lethbridge AB*

- Classroom Assistant and Guest Instructor: U of L Education Faculty Placement at Galbraith Elementary (2010)

**Gallery Shows**

*Halifax NS*

- Advanced Studio in Drawing Showcase. Port Loggia Gallery. September 2015.
- Halifax Harvest: Grazing Around Town. Anna Leonowens Gallery. December 2014.

*Lethbridge AB*

- International Baccalaureate Student Graduation Show. Lethbridge School District Number 51. Spring 2008.
- Art's Alive and Well in the Schools. Southern Alberta Art Gallery. Spring 2005.

**Entrepreneurial**

*Halifax NS*

- Second Seven: Design and Web Services. Owner/Operator. Web design and hosting (2016 - present)
  - Airbnb. Leased and Hosted 4 rooms in 2 flats in busy downtown/south Halifax. Operator. (2017-2018)
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## PUBLICATIONS

Landry, K., Teodocio, A., Lafond, M., & Tremblay-Savard, O. (2021, June). Novel Phylogenetic Network Distances Based on Cherry Picking. *International Conference on Algorithms for Computational Biology* (pp. 57-81). Springer, Cham.

Landry, Kaari. (2019). “Reliability of Clustering for Binary Phylogenetic Trees.” Thesis Submission for B.C.S. Honours, Dalhousie University. Defence Presentation Summer 2019.

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## GRANTS/AWARDS

**Mark and Sharon Evans Grad Fellowship in Computer Science** 2021 - ongoing  
*Dr. Mark and Mrs. Sharon Evans*

- Awarded continuously to students in good academic standing who have demonstrated research potential. Amount varies, approx. \$2000

**Research Completion Scholarship** Winter 2021  
*Faculty of Graduate Studies, University of Manitoba, Winnipeg MB*

- Awarded to graduate students who are in good academic standing and who have defended their thesis proposal. In the amount of \$5000

**Alicia Little Memorial Bursary** September 2014  
*Halifax NS*

- Awarded by Blue Ocean Contact Centres (Employer). In the amount fo \$1000
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## CONFERENCES

**Canadian Symposium on Academic Integrity** May 2023  
*Winnipeg, Canada*

- Attendee of 3rd biannual meeting of Canada's leading conference on academic integrity in post-secondary education

**RECOMB-CG/RECOMB** April 2023  
*Istanbul, Türkiye*

- 27th Annual International Conference on Research in Computational Molecular Biology
- CG is a co-located satellite conference on Comparative Genomics
- (CG) Presented peer-reviewed contribution, “Finding Agreement Cherry-Reduced Subnetworks in Level-1 Networks”

**AICoB 2020/2021** November 2021  
*Virtual, Missoula Montana*

- International Conference on Algorithms for Computational Biology
- Presented peer-review contribution, “Novel Phylogenetic Network Distances Based on Cherry Picking”

**ComSciConCanWest** November 2020  
*Virtual, Western Canada*

- Competitive entrance selection based on a writing and illustrations of science communication, topic “Living Hybrids: The Hybridization of *Heliconius* Butterflies in Central America”
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## EXTRA/CO-CURRICULAR INVOLVEMENT

**Volunteer Experience**

Citizens' Climate Lobby 2019 - ongoing  
*Winnipeg MB Chapter, International*

- Email lobbying my political leaders on specific climate issues and actions

CS Society Student Representative 2019  
*Dalhousie University, Halifax NS*

- Liaison between students and faculty for CSCI 3136 and CSCI 2110

DSU Foodbank, Feed Nova Scotia Partner 2016  
*Dalhousie University, Halifax NS*

- Client Services

ACORN (Association of Organizations for Reform Now) Canada 2015  
*Halifax NS*

- Community outreach and advocacy on tenant's rights

Niche Gallery

2009

*Lethbridge AB*

- Curator's Assistant

Interact Club (Parent Association: Rotary International) 2004-2008  
*Lethbridge AB*

- Local and international fundraising initiatives

**Certifications**

Mental Health First Aid Canada Winter 2017  
*Halifax NS*

- Mental Health First Aid for Adults Who Interact with Youth. Certificate of Participation.

Explore French Immersion Program Summer 2008  
*Rivière-du-Loup QC*

- Intensive 5 week French language immersion and instruction
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## LANGUAGES

Fluent in English and French

Basic level ASL (American Sign Language)