

Carter Clifton

Curriculum Vitae

October 2026

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Phone Number: (902) 870 9402

Citizenship: Canadian

Education

Bachelor of Science (Honours Mathematics), St. Francis Xavier University, May 2027

Work Experience

- Teaching Assistant and Grader, St. Francis Xavier University
 - o Sept. 2026 – Present: Calculus Teaching Assistant & Grader
 - o Sept. 2025 – Apr. 2026: Calculus Teaching Assistant & Grader
 - o Apr. 2025 – Aug. 2025: Introductory Statistics Teaching Assistant
 - o Sept. 2024 – Apr. 2025: Calculus Grader
- Connecting Math to Our Lives and Communities Facilitator, St. Francis Xavier University
 - o Sept. 2026 – Present
- Mathematics and Statistics Learning Center Tutor, St. Francis Xavier University
 - o Sept. 2026 – Present
- Photo Lab Technician, Antigonish 5¢ to \$1.00
 - o Sept. 2019 – Present
- Summer Research Assistant, St. Francis Xavier University
 - o Apr. 2026 – Aug. 2026: Supervised by Dr. Ryan Lukeman, Field of Applied Mathematics focused on modelling opioid mortality.
 - o Apr. 2025 – Aug. 2025: Supervised by Dr. Ryan Lukeman, Field of Applied Mathematics focused on modelling opioid mortality.
 - o Apr. 2024 – Aug. 2024: Supervised by Dr. Ryan Lukeman, Field of Applied Mathematics focused on modelling termite colonies.

Volunteer

- Board of Directors, Science Atlantic
 - o June 2025 – Present: Board of Directors Student Representative
 - o Feb. 2026 – Present: Membership Committee Member
 - o Feb. 2026 – Present: Ad Hoc Committee Member
- Math, Stats, and Computer Science Society, St. Francis Xavier University
 - o June 2026 – Present: Society Co-President

- June 2025 – May 2026: Society Executive Member
- (2026) Open House Panelist & Department Representative, St. Francis Xavier University
- (2026) Academic Day Panelist & Department Representative, St. Francis Xavier University
- (2026) X-Stem Camp Statistics Session Volunteer, St. Francis Xavier University
- (2026) Antigonish Community Pi Day Celebration, St. Francis Xavier University
- (2025) Open House Panelist & Department Representative, St. Francis Xavier University
- (2025) Academic Day Department Representative, St. Francis Xavier University
- Orientation Crew, St. Francis Xavier University
 - Aug. 2023, 2024, 2025: Orientation Crew General

Grants and Awards

Research

- (2026) Natural Sciences and Engineering Research Council of Canada (NSERC) Undergraduate Student Research Award in the amount of \$9250.
- (2025) NSERC Undergraduate Student Research Award in the amount of \$9000.
- (2024) NSERC Undergraduate Student Research Award in the amount of \$8500.

Academic

- (2023 – 2027) International Baccalaureate Scholarship, St. Francis Xavier University. Amount of \$28 000.
- (2025) Science Atlantic Communication Award in Mathematics, Science Atlantic. Amount of \$100.
- (2025) Father Francis J. Ginivan Award of Excellence, St. Francis Xavier University. Amount of \$250.

Other

- (2026) StFX Programming Competition First Place Award, St. Francis Xavier University. Amount of \$300.

Presentations

- (2026) Modelling Opioid Mortality During the COVID-19 Pandemic. 2026 Canadian Undergraduate Mathematics Conference, McMaster University.
- (2026) Modelling the Opioid Epidemic in Urban Toronto. SHAD Student Research Day, St. Francis Xavier University.
- (2025) Understanding Opioid Mortality during COVID-19 - An Individual-Based Model. 2025 Canadian Undergraduate Mathematics Conference, University of Waterloo.
- (2025) Understanding Opioid Mortality during COVID-19 - An Individual-Based Model. 2025 Science Atlantic Mathematics, Statistics and Computer Science Conference, Cape Breton University.
- (2024) Periodic Excitation in a Cellular Automata Model of an Insect Colony. 2024 Science Atlantic Mathematics, Statistics and Computer Science Conference, Acadia University.