

CASEY O'NEILL

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EDUCATION

University of Waterloo

MMath, Computer Science (GPA = 97.25%)
Advisor: Dr. Edith Law

Waterloo, ON
2023 - December 2025 (expected)

University of New Brunswick

BCS (with First Class Honours, GPA = 4.2/4.3)
Advisor: Dr. Daniel Rea

Fredericton, NB
2018 - 2023

University of New Brunswick

BA, Philosophy (with Distinction, GPA = 4.2/4.3)

Fredericton, NB
2018 - 2023

RESEARCH EXPERIENCE

Undergraduate Research Assistant

HCI Lab, University of New Brunswick
Supervisor: Dr. Daniel Rea

2022
Fredericton, NB

PUBLICATIONS AND PRESENTATIONS

N. Bin Hannan, **C. O'Neill**, A. Maocheia-Ricci and E. Law. 2025. *LTJ: A Capability-based Digital Journaling Tool to Support Well-being of Newcomers in Life Transition*. In Proceedings of the 28th ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW '25).

T. Sewruttun, **C. O'Neill**, E. Law and D.J. Rea. 2025. *"Help Me, I'm Feeling Down!" - Neurotic Robots Increase Bystander Engagement*. In Proceedings of the 34th IEEE International Conference on Robot and Human Interactive Communication (RO-MAN '25).

SELECTED AWARDS AND SCHOLARSHIPS

NSERC Canada Graduate Research Scholarship (CGRS M) University of Waterloo (\$17,500)	2023
David R. Cheriton Graduate Scholarship University of Waterloo (\$20,000 over 2 years)	2023
President's Graduate Scholarship University of Waterloo (\$5,000)	2023
QNX Graduate Scholarship University of Waterloo (\$5,000)	2023
Dr. W.C. Keirstead Memorial Prize in Philosophy Department of Philosophy, University of New Brunswick <i>Awarded to a graduating Philosophy student with the highest average.</i>	2023
Prof. Jack A. Iwanicki Scholarship Department of Philosophy, University of New Brunswick (\$5,500)	2022
NSERC Undergraduate Student Research Award (USRA) University of New Brunswick (\$6,000)	2022
Soren Kierkegaard Scholarship Department of Philosophy, University of New Brunswick (\$5,000)	2021
Andrew Scott Jones Memorial Scholarship Faculty of Computer Science, University of New Brunswick (\$5,000)	2020
MacLauchlan McKenzie Scholarship: Women in Technology Faculty of Computer Science, University of New Brunswick (\$3,000)	2019
Dean's List University of New Brunswick	2018 - 2023

TEACHING EXPERIENCE

Teaching Assistant	2023
University of New Brunswick	Fredericton, NB
<i>CS3035: Human-Computer Interaction</i>	

PROFESSIONAL EXPERIENCE

Software Developer	2022 - present
VeroSource Solutions Inc.	Fredericton, NB and remote

Co-op Software Developer	2021 (4 months)
VeroSource Solutions Inc.	Fredericton, NB

Co-op Software Developer	2020 (4 months)
Innovatia Inc.	Saint John, NB and remote

Co-op Software Developer	2019 - 2020 (8 months)
Populus Global Solutions	Fredericton, NB

VOLUNTEER EXPERIENCE

Workshop Co-leader (with Dr. Edith Law)	2024
Technovation Girls Waterloo, University of Waterloo	Waterloo, ON

Breakout Session Panelist	2023
Girls STEM Up, University of New Brunswick	Fredericton, NB

Guest Presenter	2022
Video Game Day Camps, University of New Brunswick	Fredericton, NB

Peer Mentor	2021 - 2023 (3 terms)
Faculty of Computer Science, University of New Brunswick	Fredericton, NB

Student Volunteer

Liberty Lane Inc.

2021 - 2022

Fredericton, NB

Student Volunteer

Cyber Girls, University of New Brunswick

2019 - 2020 (2 terms)

Fredericton, NB

REFERENCES

Dr. Edith Law

Associate Professor
Cheriton School of Computer Science
University of Waterloo
Waterloo, ON
edith.law@uwaterloo.ca

Dr. Daniel Rea

Assistant Professor
Department of Computer Science
University of Manitoba
Winnipeg, MB
daniel.rea@umanitoba.ca

Dr. Scott Bateman

Professor
Faculty of Computer Science
University of New Brunswick
Fredericton, NB
scottb@unb.ca

Dr. Jennifer Weed

Associate Professor
Department of Philosophy
University of New Brunswick
Fredericton, NB
jweed@unb.ca