Casey O'Neill

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EDUCATION

University of Waterloo (Waterloo, ON)   **2023 - 2025**
MMath, Computer Science (GPA = 97.25%)
Advisor: Dr. Edith Law

University of New Brunswick (Fredericton, NB)   **2018 - 2023**
BCS (with First Class Honours, GPA = 4.2/4.3)
Advisor: Dr. Daniel Rea

University of New Brunswick (Fredericton, NB)   **2018 - 2023**
BA, Philosophy Major (with Distinction, GPA = 4.2/4.3)

RESEARCH EXPERIENCE

Undergraduate Student Researcher   **2022**
UNB Human-Computer Interaction Lab (Fredericton, NB)
Supervisor: Dr. Daniel Rea

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).

ACADEMIC AWARDS AND SCHOLARSHIPS

David R. Cheriton Graduate Scholarship   **2023 - 2025**
University of Waterloo ($20,000 over 2 years)

NSERC Canada Graduate Research Scholarship (CGRS M)   **2023**
University of Waterloo ($17,500)

President's Graduate Scholarship   **2023**
University of Waterloo ($5,000)

QNX Graduate Scholarship   **2023**
University of Waterloo ($5,000)

Dr. W.C. Keirstead Memorial Prize in Philosophy   **2023**
Department of Philosophy, University of New Brunswick

Edith and Harry Levine Prize in Computer Science   **2023**
Faculty of Computer Science, University of New Brunswick

NSERC Undergraduate Student Research Award (USRA)   **2022**
University of New Brunswick ($6,000)

Prof. Jack A. Iwanicki Scholarship   **2022**
Department of Philosophy, University of New Brunswick ($5,500)

Donald McCrossan (NB) Scholarship   **2022**
University of New Brunswick ($1,500)

Andrea Mills Computer Science Co-op Scholarship   **2022**
Faculty of Computer Science, University of New Brunswick ($1,000)

Søren Kierkegaard Scholarship   **2021**
Department of Philosophy, University of New Brunswick ($5,000)

Teck Resources Scholarship   **2021**
Faculty of Computer Science, University of New Brunswick ($1,900)

Andrew Scott Jones Memorial Scholarship   **2020**
Faculty of Computer Science, University of New Brunswick ($5,000)

Daniel Ahern Scholarship in Philosophy   **2020**
Department of Philosophy, University of New Brunswick ($1,000)

MacLauchlan McKenzie Scholarship: Women in Technology   **2019**
Faculty of Computer Science, University of New Brunswick ($3,000)

Sir George E. Foster Scholarship   **2019**
University of New Brunswick ($2,500)

Eldon and Maxine Clair Scholarship in Computer Science   **2018**
Faculty of Computer Science, University of New Brunswick ($2,000)

Enid Hager Clarke Memorial Bursary   **2018**
University of New Brunswick ($900)

Uday Gujar Scholarship for Excellence in Computer Science   **2018**
Faculty of Computer Science, University of New Brunswick ($500)

Dean's List   **2018 - 2023**
University of New Brunswick

TEACHING EXPERIENCE

Teaching Assistant   **2023**
University of New Brunswick
Course: Human-Computer Interaction (CS3035)

PROFESSIONAL EXPERIENCE

Software Developer (Full Time)   **2026 - Present**
VeroSource Solutions Inc. (Fredericton, NB)

Software Developer (Part Time)   **2022 - 2025**
VeroSource Solutions Inc. (Remote)

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

Co-op Software Developer   **2020 (4 months)**
Innovatia Inc. (Remote)

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

VOLUNTEER EXPERIENCE

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

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

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

Peer Mentor   **2021 - 2023 (4 months)**
University of New Brunswick (Fredericton, NB)
Faculty of Computer Science

Student Volunteer   **2021 - 2022**
Liberty Lane Inc. (Fredericton, NB)   Fredericton, NB

Student Volunteer   **2019 - 2020 (8 months)**
University of New Brunswick (Fredericton, NB)
Cyber Girls

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