

Casey O'Neill

Canadian Citizen
Fredericton, New Brunswick, Canada

Email: casey.oneill@unb.ca
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EDUCATION

Bachelor of Computer Science, Co-op, Honours; GPA: 4.2/4.3 2018 - May 2023
University of New Brunswick, Fredericton, NB (Expected)
Honours Thesis: "Shaping Human-Robot Interaction through Storytelling"
Supervisor: Dr. Daniel Rea

Relevant Coursework: Human-Computer Interaction, Building User Interfaces, Artificial Intelligence, Intro. to Game Development, Software Architecture and Design Patterns

Bachelor of Arts, Philosophy; GPA: 4.2/4.3 2018 - May 2023
University of New Brunswick, Fredericton, NB (Expected)

Relevant Coursework: Contemporary Ethical Theory, Intro. to Symbolic Logic, Critical Thinking, Sociological Perspectives

HONOURS AND AWARDS

Dean's List, Concurrent BA/BCS, Univ. New Brunswick (2019-2022)
Donald McCrossan (NB) Scholarship (\$1,500) Univ. New Brunswick (2022)
Prof. Jack A. Iwanicki Scholarship, Dept. Philosophy (\$5,500) Univ. New Brunswick (2022)
Undergraduate Student Research Award, NSERC (\$10,800) Univ. New Brunswick (2022)
Søren Kierkegaard Scholarship, Dept. Philosophy (\$5,000) Univ. New Brunswick (2021)
Teck Resources Scholarship (\$1,900) Univ. New Brunswick (2021)
Andrew Scott Jones Memorial Scholarship, Fac. Computer Science (\$5,000) Univ. New Brunswick (2020)
Daniel Ahern Scholarship in Philosophy (\$1,000) Univ. New Brunswick (2020)
MacLauchlan McKenzie Scholarship: Women in Technology (\$3,000) Univ. New Brunswick (2019)
Sir George E. Foster Scholarship (\$2,500) Univ. New Brunswick (2019)
Eldon and Maxine Clair Scholarship in Computer Science (\$2,000) Univ. New Brunswick (2018)
Enid Hager Clarke Memorial Bursary (\$900) Univ. New Brunswick (2018)
Uday Gujar Scholarship for Excellence in Computer Science (\$500) Univ. New Brunswick (2018)

RESEARCH EXPERIENCE

Research Assistant, Human-Computer Interaction Lab Summer 2022
University of New Brunswick, Fredericton, New Brunswick
Supervisor: Dr. Daniel Rea

Designed, implemented, and conducted a preliminary pilot study for research investigating the role of neurotic robot personality in human-robot interaction. Conducted literature reviews, prepared interview questions, and programmed an iRobot Roomba robot. Prepared written reports, including "Abstract" and "Related Work" sections.

ADDITIONAL PROFESSIONAL EXPERIENCE

**Co-op Software Developer /
Software Developer**Summer 2021 (co-op);
Fall 2022 – Present (part-time)

VeroSource Solutions, Fredericton, New Brunswick

As a full stack web developer, develop React, React Native, and Spring Boot applications leveraging microservices architecture.

Co-op Software Developer

Fall 2021

Innovatia, Saint John, New Brunswick

As a full stack web developer, developed a monolithic ASP.NET application and performed quality assurance testing.

Co-op Software Developer

Summer 2019; Winter 2020

Populus Global Solutions, Fredericton, New Brunswick

As a full stack web developer, developed monolithic Angular and Spring Boot applications.

SERVICE

Peer Mentor

Fall 2022

University of New Brunswick, Faculty of Computer Science

Encourage student success by offering support and leading various fun activities.

Guest Presenter, Video Game Day Camps

Summer 2022

University of New Brunswick, Faculty of Computer Science

Collaborated with staff and students to prepare and present lessons for middle school students.

Volunteer Childcare Provider

2021 – 2022

Liberty Lane, Inc., Fredericton, New Brunswick

Liberty Lane is a charitable organization that offers housing and support to individuals who have been affected by domestic violence.

Cyber Girls Volunteer

2019 – 2020

University of New Brunswick, Faculty of Computer Science

Collaborated with staff and students to prepare and present lessons for middle school girls.

LANGUAGES

English (Native), French (Limited Working Proficiency)

REFERENCES

Dr. Daniel Rea, Assistant Professor

Faculty of Computer Science, University of New Brunswick

daniel.rea@unb.ca

Dr. Scott Bateman, Associate Professor

Faculty of Computer Science, University of New Brunswick

scott.bateman@unb.ca

Dr. Jennifer Weed, Associate Professor

Department of Philosophy, Faculty of Arts, University of New Brunswick

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