

Samantha Barfoot

samantha.barfoot@mail.utoronto.ca

Education

Bachelor of Information

2025

Faculty of Information, University of Toronto

(expected)

Information Studies

Civil Engineering

Representative Courses: How to Design, Designing Interactive Systems, Engineering Strategies & Practices, Worlds Become Data, Computational Reasoning

Awards/Honours

- Sue Joel Civ 6T5 Scholarship **2021**
- University of Toronto Engineering Dean's Honour List **2020-2021**

Selected Projects

University of Campus Wayfinding App [\[available\]](#)

2023

Course Project (INF352 – Design Studio: How to Design)

- Used qualitative research methods to gather information on and better understand user needs and goals.
- Developed low and medium fidelity prototypes of a wayfinding app that allows users to navigate inside buildings and between buildings on campus.
- Created empathy maps, affinity diagrams, personas, and conducted usability testing during the design process.

Project Manager - Living Space Remodel Design

2021

Course Project (APS112 – Engineering Strategies & Practice II)

- Conducted meetings with client to understand their needs and goals for their living space remodel.
- Reviewed documents and course/client deliverables to ensure deadlines and requirements were met.
- Developed low and medium fidelity designs for the client through an iterative design process.

Toronto Garbage Bin Redesign

2020

Course Project (APS111 – Engineering Strategies & Practice I)

- Developed a low fidelity prototype for a new Toronto garbage bin design.

- Used an iterative design process to develop a prototype.
- Conducted research to gain an understanding of existing designs to better understand the landscape.

Selected Papers

Barfoot, S. (2024). Analysis of the Water Quality of Toronto's Beaches from 2007 to 2023. *Course Essay, INF312 – Worlds Become Data.*

Barfoot, S. (2023). The Secret Life of a Woad Worker in Amiens, France. *Course Essay, MST202 – Getting Medieval: The Many Middle Ages: Places & Spaces.*

Additional Experience

Activity Head/Counselor

YWCA – Camp Tapawingo

Summer 2023

Graphic Designer/Co-Editor – Yearbook Committee

Runnymede Collegiate Institute

2019 - 2020

Counselor

York University Science Explorations Camps

Summer 2019

Certifications

- First Aid & CPR/AED Level C