

# Samantha Barfoot

samantha.barfoot@mail.utoronto.ca

## Education

### **Bachelor of Information**

**2025**

Faculty of Information, University of Toronto

(expected)

Information Studies

Civil Engineering (2020-2022)

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 Paper, INF312 – Worlds Become Data*

Barfoot, S, Becker, B, Mohammadi, M. (2024). Gender, Age, and Peer Influence on Food Incentives in Elementary Schools. *Course Paper, INF312 – Worlds Become Data*

## Certifications

- First Aid & CPR/AED Level C