

BILL THAN

Bachelor of Information Candidate | <https://www.billthan.ca>

PROFESSIONAL EXPERIENCE

NORMERICA Incorporated

Software Testing Intern | January 2020 – March 2020

- Re-structured 10 years worth of user accounting data for migration
- Verified 10 years worth of user accounting data in new system for accuracy

University of Toronto Mississauga RAWC

Lifeguard & Swim Instructor | September 2018 - June 2020

- Taught over 10 Red Cross and Lifesaving Society lessons including Adults, children, Swim to Survive, and pre-lifeguards
- Ensured the safety of patrons during swim lessons, swim meets, and leisure swims
- Performed pool tests

City of Toronto

Aquatic In-Charge & Trainer | June 2018 - present

- Restructured aquatic trainings to adhere to COVID-19 procedures
- Trained 100+ aquatic staff
- Confidently lead and directed swim instructors in aquatic programs
- Improved workplace efficiency with careful official documentation
- Performed pool tests, backwashing, vacuuming, and pool inspections

PERSONAL PROJECTS

BigWeather (Java, Windows)

Interactive Windows Weather Statistical Analysis tool

- Securely handled diverse API and key encryption in Java
- Efficiently deserialize raw JSON/XML metadata
- Used UX/UI principles to facilitate easy-to use GUI

Hackintosh Development (HP G1 800, XPS 9500)

Open source, EFIs for running macOS on non-Apple devices

- Maintain 50+ kernels, driver files, and config.plist
- Rigorously tested each peripheral to ensure driver compatibility
- Maintain 40+ drivers for stability

References available upon request | billthan@live.ca | 647-639-5312

EDUCATION

University of Toronto

Bachelor of Information (BI)

UX and Human Centered Data Science
2020-2022

University of Toronto

Bachelor of Science (BSc)

Mathematics, Computer Science, and Education
2018-2020

ACHIEVEMENTS

University of Toronto In-Course
Scholarship \$1500 (2020)

HUMAN CENTERED DESIGN SKILLS

User Research

Prototyping

Agile/Iterative Design

User Journey Mapping

Usability Testing

TECHNICAL SKILLS

Programming Languages

python	Java
Kotlin	JSON/XML
SQL	C/C++
RStudio	HTML5/CSS3
JavaScript	

Human Centered Design Tools

Figma	Adobe CC
LaTeX	markdown
BALSAMIQ	