Neeco Fabian

neecofabian.com
github.com/neecofabian
linkedin.com/in/neeco
neecofabian@gmail.com

EDUCATION

University of Toronto
St. George Campus

Bachelor of Science, **Computer Science** Specialist
Year 3, Expected Graduation **May 2024**, Cumulative GPA **3.80**/4.00
Dean's List Scholar 2020, 2021
University of Toronto Scholar Award Recipient **$7500**

PROJECTS

neecofabian.com

My personal website made with **HTML**, **CSS**, and **JavaScript**. A display of personal projects, summaries of computer science courses, and ways to connect with me.

Sections are unveiled with **GSAP** ScrollTrigger animations. **Vanilla-tilt.js** is used for subtle micro-interactions. Responsive design for mobile and desktop devices.

Conference Manager

A platform for organizing large tech conferences, created with **Java**. Build an event schedule. Network with attendees on the messenger. View planned panels as a speaker. Manage event offerings as an organizer.

View statistics, receive Twilio SMS notifications, and join the Discord server. Follows Robert Martin's **Clean Architecture** and **SOLID** design principles for extensibility.

Illuminote

A Mixed Reality multiplayer game made with **Pygame** and **OpenCV**. Arrange sticky notes on a monitor and take a photo to start the round.

Processes photos using computer vision. Translates the sticky notes onto a custom map. Interact with sticky notes in-game by teleporting and bouncing glowing bullets.

Centipede

A remake of the classic arcade game. Shoot wriggling centipedes and falling fleas while avoiding being crushed. More centipedes spawn when hit so beware.

Implements local multiplayer mode, in-game notifications, and a fresh light theme. Made using **Assembly Language**.

Senso

An **Android** sensory stimulation app to fidget and focus. Uses the device gyroscope to steer the on-screen ball. Receive haptic feedback when toggling hardware buttons. Developed at University of Waterloo's Hack the North.

SKILLS

Languages Java, Python, C, R, Bash, Assembly
Web HTML, CSS, JavaScript, jQuery, Node.js, React
Technologies Git, Unix, Makefile, PostgreSQL, NumPy, OpenCV

EXPERIENCE

Hack the North Created the following projects: **Senso** 2019, **Illuminote** 2020, **Bowlo** 2021
ECOO Contest Finished in the **top 15** groups in the Peel division in 2019.
Computer Club Assisted junior students with practicing programming problems in 2018-2019.