

# PHILIP SOITU

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## EDUCATION

<b>McGill</b> Bachelor's of Science, Computer Science	2024 - Present
<b>Vanier College</b> DEC, Computer Science and Mathematics	2022 - 2024
<b>College Beaubois</b> High School Diploma	2017 - 2022

## EXPERIENCE

<b>College Beaubois</b> IT Assistance	Summer 2022
<ul style="list-style-type: none"><li>Reset and restored the entire iPad infrastructure on the network</li><li>Installed new computers in the computer room and offices</li><li>Added all the computers to the school's network for management purposes</li></ul>	

## PROJECTS

<b>PicItUp (Multiplayer Object Hunt Game) @ ConUHacks IX</b> Next.js, Node.js, React, Socket.io, TypeScript, Web APIs, Websockets	January 2025
<ul style="list-style-type: none"><li>Built a mobile-first multiplayer game where users race to find real-world objects using their camera</li><li>Implemented real-time gameplay using Socket.io and handled mobile camera access via web APIs</li><li>Overcame device/browser compatibility issues and deployed a performant mobile experience</li><li><a href="https://devpost.com/software/picitup">https://devpost.com/software/picitup</a></li></ul>	
<b>Circuit Clash (Boolean Logic Learning Platform) @ Yale Hackathon 2024</b> SvelteKit, Python, Xata, Vercel	March 2024
<ul style="list-style-type: none"><li>Built an educational web app that teaches Boolean logic through a simplified VHDL-like language (SHDL)</li><li>Translated SHDL into live-updating circuit diagrams to help users visualize logic gate behavior</li><li>Designed to make computer science concepts accessible to younger students and beginners</li><li><a href="https://devpost.com/software/circuit-clash">https://devpost.com/software/circuit-clash</a></li></ul>	
<b>PulseInterview (AI Interview Helper) @ ConUHacks VIII</b> SvelteKit, OpenAI API, GCP	January 2024
<ul style="list-style-type: none"><li>Built a web app that generates interview questions and analyses the answers</li><li><a href="https://devpost.com/software/pulseinterview">https://devpost.com/software/pulseinterview</a></li></ul>	
<b>DestinAition (AI Travel Planner and Guide) @ MariHacks 2023</b> Next.js, OpenAI API, Google Maps API, MongoDB	March 2023
<ul style="list-style-type: none"><li>Built a web app that suggests tourist attractions of a given city and compared plane ticket prices</li><li><a href="https://devpost.com/software/destinaition-com">https://devpost.com/software/destinaition-com</a></li></ul>	
<b>ELeetMath (Real-time 1v1 math game) @ PolyHacks 2023</b> Next.js, Socket.io, WolframAlpha API, LaTeX	February 2023
<ul style="list-style-type: none"><li>Developped a web app where users go 1v1 in math derivative problems</li><li><a href="https://devpost.com/software/eleetmath">https://devpost.com/software/eleetmath</a></li></ul>	

## TECHNICAL SKILLS

**Languages:** Java, Python, C, Bash, Zig, MIPS assembly

**Frameworks:** React, Node.js, Next.js, FastAPI

**Developer Tools:** Git, Neovim, LaTeX, Make, Linux,