

# Trisha Yvonne Aquino

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## Skills

**Languages:** Python, C/C#, HTML/CSS, JavaScript, SQL (MySQL, HeidiSQL)  
**Frameworks:** Next, React, Node, .NET MAUI, Firebase  
**Developer Tools:** Git, VS Code, Visual Studio, MS Office  
**Language:** English, Tagalog

## Projects

**Musikahan Mobile App** August 2024  
Coursework: 3nd-semester finals project

- Designed and implemented a mobile music application project in Mobile Application Development that has features like user authentication, search, and streaming of music.
- Created using **React Native**, and **TypeScript** to deliver an engaging music experience.
- Integrated **Firebase** for real-time database management, user authentication, and cloud storage.
- Utilized **Android Studio** for testing and deployment on Android devices.
- Collaborated with team members using **GitHub** for version control and project management.

**Equipment Rentals System Management** April 2024  
Coursework: 2nd-semester finals project

- Built a project in Object-Oriented Programming and Software Analysis & Design focused on database management.
- Created a **C# .NET MAUI Blazor Hybrid App** for adding, viewing, and deleting equipment and customer records.
- Used **HeidiSQL (MariaDB)** for efficient database management, and **CSS/HTML** for styling and layout customization.

**YYC Scan** (YYC Hacks 2024, 1<sup>st</sup> Place) Feb 2024

- Engineered a full-stack web application to help tourists and newcomers navigate what to do right after entering Calgary through QR codes/scans.
- Used: **Python, Flutter, C#, HTML/CSS, JavaScript**
- Visualized GitHub data to show collaboration.
- Utilized publicly accessible datasets and databases sourced from both the city of Calgary and the province of Alberta to devise comprehensive solutions to the issue at hand.
- Implemented the web app's AI chatbot using **OpenAI** and **JSON**.

**Tedi Community App** (SAIT Hackathon 2023, 1<sup>st</sup> Place) Dec 2023

- Developed a web application for students that has SAIT's available services.
- Used: **Python, Flutter, HTML/CSS**
- Designed the web app's user interface and visual concepts using **Figma**.
- Collaborated with students on different programs to survey to base our web application goals.

## Education

**Southern Alberta Institute of Technology** Calgary, AB  
Software Development Program Sept 2023 – April 2025  
Relevant coursework: OOP 1 & 2, Web Development, Database Design and Programming,

## Work Experiences

**CDC Ambassador** | Value Village Dec 2023 – Present

- Provides customers with fast, friendly, and helpful service.
- Accepting and accurately counting donations from customers when carts become full.
- Helps with recycling tasks as required: emptying recycle/trash bins, relocating boxes, prepping production area, and unloading merchandise from vehicles.