# Ankush Sarkar

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## EDUCATION

**McMaster University**                                      Hamilton, ON
*Computer Science*                                     *Sept. 2021 – May 2025*

**Relevant Courses**
    **COMPSCI 2C03** *Data Stuctures and Algorithm* (**A+**)
    **COMPSCI 2DB3** *Databases* (**A+**)
    **COMPSCI 2XC3** *Algorithms and Software Design* (**A+**)
    **COMPSCI 1XC3** *Development Basics* (**A+**)
    **STATS 2DA3** *Intro to Data Science Methods* (**A+**)

## TECHNICAL SKILLS

**Languages**: JavaScript/Typescript, Python, SQL, C, HTML/CSS, Java, R, Haskell
**Frameworks/Technologies**: Vue, Nuxt JS, React, Next JS, Supabase, Node, Flask, Three JS, TailwindCSS

## PROJECTS

**Family Tree visualiser(_App_ | _Code_)**
- A Full stack app that allows users create and store their family tree
- Built using Nuxt JS, Supabase and Tailwind CSS

**Audio Visualizer (_App_ | _Code_)**
- A 3D audio visualizer that changes the dimensions of a 3D sphere based on the amplitude of the song playing
- Built using Three JS, Nuxt JS, and Tailwind CSS

**Multiplayer Tic Tac Toe *(_App_ | _Code_)***
- An online multiplayer Tic Tac Toe game
- Built using Vue JS and Flask-SocketIO
- Frontend Vue app hosted on Firebase, backend Flask app hosted on Render

**Sorting Algorithm Visualizer *(_App_ | _Code_)***
- A web app for visualizing various sorting algorithms
- Built using Nuxt JS, Tailwind CSS, and DaisyUI

## EXPERIENCE

**Web Developer**                                       Jan. 2023 – Present
*Computer Science Society McMaster University*                     *Hamilton, ON*

- Building and maintaining the computer science society website
- Working with technologies like **Astro**, **React** and **Tailwind CSS**

**Web Developer**                                       Sep. 2022 – Present
*GDSC McMaster University*                                       *Hamilton, ON*

- Building and maintaining and the storefront for GDSC merchandise
- Maintaining the GDSC McMaster website
- Working with multiple technologies such as **React**, **Firebase**, and **Tailwind CSS**.

**CSS Year Representative**                                  Sep. 2022 – Present
*Computer Science Society McMaster University*                     *Hamilton, ON*

- Maintaining contact with professors and cohort
- Answering questions from lower-year students
- Promoting CSS events