

# YANCHUN WANG

Web Developer

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## SUMMARY

I am a third year CS student in McMaster University who is passionate about developing aesthetically pleasing and high-performance Web Application.

I hope to apply and solidify my knowledge through an opportunity of Internship.

## SKILLS

**Languages:** JavaScript, TypeScript, HTML/CSS, C#, Python

**Technologies:** React, React-Router, ASP.NET, Axios, SQL Server, Git, Github, Vite, VS/VS code

## EDUCATION

### McMaster University

Bachelor of Computer Science (Co-op Program)

09/2021 - 05/2026

Year 3 Student

### Courses taken:

Data Structures and Algorithms

Computer Architecture

Automata and Computability

Databases (Introduction to Database and SQL)

Introduction to Software Development

Algorithms and Software Design

## PROJECTS

### BrainPulse

Auto-generate quizzes in different selected categories and difficulties to test your knowledge with a time-based scoring system.

- Frontend developed using React, TypeScript, Redux.
- Backend developed using C#, ASP.NET, SQL Server.
- 10 seconds each question, score system based on time spent.
- Full stack version can run on a localhost.
- Currently data fetched from opentdb.

### Technologies Used:

React, TypeScript, Redux, C#, ASP.NET, SQL Server, Axios

### Demo:

brainpulse

### Kanban Tasks Manager

Kanban Tasks Manager serves as a useful instrument for overseeing tasks on an individual or group level.

- Developed using React, JavaScript, Redux.
- Provide a visual representation of work as it progresses through different phases of a workflow.
- Use cards to symbolize individual tasks and columns to represent the various steps within the process.

### Technologies Used:

React, JavaScript, Redux

### Demo:

kanban-tasks-manager

### Planets Fact Site

A website dedicated to providing comprehensive information about all the planets within our solar system.

- Developed using React, JavaScript.
- Use React-Router to specify each planet's route.
- Offer concise overviews, detailed internal structures, and surface geology descriptions for each of the solar system's planets.

### Technologies Used:

React, JavaScript, React-Router

### Demo:

solar-system-site

## EXPERIENCE

9/2018 - 1/2021

### Chess teacher

Remote

- Chess has been my hobby since childhood. I teach primary school students how to play chess.

## LANGUAGES

English, Mandarin