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 applications.
I am actively seeking an internship to apply and solidify my knowledge in this field.

SKILLS

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

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

EDUCATION

McMaster University   09/2021 - 05/2026
Bachelor of Computer Science (Co-op Program)   Year 3 Student

Courses taken:

Data Structures and Algorithms   Databases (Introduction to Database and SQL)
Computer Architecture   Introduction to Software Development
Principles of Programming Languages   Operating Systems

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.
- Using C#, ASP.NET to design the API.
- Using SQL Server to store data.
- 10 seconds each question, scoring system based on time spent.
- Full-stack version can run on a localhost.
- Currently fetching data from openTDB.

Technologies Used:

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

Demo Link:

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.
- Provides a visual representation of work as it progresses through different phases of a workflow.
- Uses cards to symbolize individual tasks and columns to represent the various steps within the process.

Technologies Used:

React, JavaScript, Redux

Demo Link:

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.
- Using React-Router to specify each planet's route.
- Offers concise overviews, detailed internal structures, and surface geology descriptions for each of the solar system's planets.

Technologies Used:

React, JavaScript, React-Router

Demo Link:

Planets Fact Site

Personal Portfolio Website

My personal portfolio website providing an introduction of myself and showcasing skills and projects I've done.

- Developed using React, TypeScript.
- Provides introduction of myself.
- Showcases my skills and projects.

Technologies Used:

React, TypeScript, React-Router

Demo Link:

Portfolio Website

LANGUAGES

English, **Mandarin**