

# Chung Lai Yin Vincent

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github.com/Vincent-CLY

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## About Me

A self-motivated Computer Engineering student at HKU with great passion in web development & problem-solving. Gained hands-on web development experience through personal projects. Consistently pursuing web development knowledge in leisure time to improve performance & practice and try new technologies.

## Education

Bachelor of Engineering in Computer Engineering

Expected May 2026

University of Hong Kong

GPA: 3.03/4.0

Major Courses: Data Structures & Algorithms, Communication Networking, Operating System, Programming

## Languages

Cantonese, English, Mandarin, Japanese

## Skills

- Frontend:
- Projects mostly used HTML, CSS & JS for basic frontend development
  - Started to try and learn JS framework ReactJS with Vite for new project
- Backend:
- Used PHP, Express.js with Node.js & Django as backend
  - Integrated with DBs (MySQL, SQLite, TursoDB) for data storing
  - Integrated with RESTful APIs (YouTube API v3, custom APIs) for data fetching
- Platforms & Tools:
- Used GitHub Pages, Vercel, InfinityFree for web hosting
  - Used Git for Version Control
  - Used VistaPanel for Linux based shared hosting management
  - Created and used SSL certificate of Let's Encrypt

## Projects

- Anime Website (Deleted) | HTML, CSS, JavaScript, PHP, MySQL
- Started July 2022
- Used PHP for server-side rendering, database query with SQL & user authentication
  - Hosted on Infinity Free, which uses VistaPanel for project management including files and SSL certificates (Project deleted by InfinityFree due to inactive after project built)
- Personal Portfolio Website | HTML, CSS, JavaScript (Developing)
- Started July 2023
- Implemented different new learnt styling (i.e: stroke-dashoffset for SVG with CSS, JS-control styling)
- \* URL: <https://vincent-clay.github.io/>
- Tic Tac Toe (Classic & Modern Mode) | HTML, CSS, JavaScript
- Started May 2024
- Mainly implemented with JavaScript for move validation and styling changing (with comments as defined functions' documentation)
- \* Modern Mode: Each player can have at most 3 marks on the board at once, with their oldest mark disappearing when they place their 4th move, creating a dynamic shifting board
- \* URL: <https://replit.com/@vincentchung413/Tic-Tac-Toe?v=1>
- YouTube Music Player | ReactJS, JSX, CSS, JavaScript, Express.js (Developing)
- Started July 2024
- Implemented with ReactJS by Vite for frontend and Express.js for backend
  - Implemented RESTful APIs to fetch YouTube data using InnerTube and stream data using SSE
  - Implemented caching with local storage
- \* Frontend Demo URL: <https://github.com/Vincent-CLY/yt-music-player--frontend>
- \* Backend URL: <https://github.com/Vincent-CLY/yt-music-player--backend>
- \* Note: Frontend demo is disconnected from backend due to CORS configuration.