Jason Ho

Programmer

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Skills

C/C++, Javascript/Node.js, Git, Github
HTML/CSS

English/Vietnamese

Projects

Rooms

Technologies used: Next.js, TailwindCSS, Heroku, DynamoDB, WebRTC, WebSockets

- Used the Next.js framework to build a simple web platform similar to Twitter Spaces where users can talk.
- Utilizes WebRTC, WebSockets to implement the audio rooms feature.
- The signaling server is hosted on Heroku and written in Node.js. Web app itself is deployed on Vercel.
- The database is DynamoDB.

https://rooms-project.vercel.app/

RTMP

Technologies used: C

- RTMP (Real Time Messaging Protocol) is used in a lot of streaming platforms as a way to stream media data (video, audio, etc).
- I implemented the server aspect where video/audio data is passed from the client (OBS, StreamLabs OBS) to the server where the data is parsed and put into mp4 segments that can be delivered over HLS (HTTP Live Streaming).

WutQuestionMark

Technologies used: HTML/CSS/JS, PHP, Heroku

- Made a website with PHP and HTML/CSS/JS that works similar to Quora. Users can ask and answer questions.

Calculator

Technologies used: HTML/CSS/JS, React.js

- Static front end site that works like a calculator. Has some bugs but works if the mathematical expression is explicit.

Education

University of Houston / BS Computer Science

Aug 2019 - May 2023, Houston