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SKILLS:

Technical: React, Redux, Ruby, Rails, JavaScript, SQL, HTML, CSS, SQL, MongoDB, Express, Node.js, ChyronHego Lyric X, Nexio, Playlist and Motion

Language: Native in Japanese

PROJECTS:

Catflix Ruby on Rails, React, Redux, HTML, AWS, CSS

[live](#) | [github](#)

A full stack single-page Netflix clone where users can watch cats' shows/movies

- Enhanced backend-routes and shape of frontend state to minimize load-time.
- Implemented CRUD functionality, letting users create their profiles.
- Leveraged AWS S3 for video storage imposing a file size limit and file compression to reduce latency and storage cost.

Tipsy Painter MongoDB, Express, ReactJS, Node.js

[live](#) | [github](#)

A collaborative drawing website where multiple users can draw together on the same canvas with camera

- Worked efficiently as a flex position with a team of 4, implemented both backend and frontend.
- Built API calls by utilizing axios library to send HTTP requests to the backend.
- Enabled real-time canvas and video updates by utilizing socket.io.

Gourmet Javascript, D3.js, HTML/CSS

[live](#) | [github](#)

An interactive website where users can learn about Michelin star restaurants in the U.S.

- Attained interactive bar charts and bubble charts with selectors by utilizing D3.js and Javascript.
- Analyzed existing data on Michelin star restaurants and utilized query to obtain specific data.
- Implemented custom user interactive functions on charts by accessing DOM events with D3.js.

EXPERIENCE:

Technical Director for TV Japan and NHK World

SonicInVision INC., New York, NY

Feb 2016 - Jan 2020

- Managed incoming programs content via terrestrial (fiber and IP) and satellite.
- Maintained quality service for content and organize content air dates and times.
- Ensured that closed caption subtitles comply with US video accessibility laws.
- Created open captioning for channel broadcasting feed announcing program changings and other information.
- Edited raw footage to localize content for North American and Hawaii subscribers.
- Adjusted TV content to adhere to video-on-demand broadcasting requirements.
- Trained new employees and created server and software manuals.

Broadcasting Trainee

Japan International Broadcasting INC., Tokyo, Japan

Jan 2017 - Mar 2017

- Acquired knowledge of how the broadcasting industry operates and how to comply with international copyright law.
- Improved communication between the NY and Tokyo studios by upgrading communication protocol.

EDUCATION:

Queens College, City University of New York - Bachelor of Arts, cum laude, in Media Studies, 2014-2015

AppAcademy - Rigorous 1,000+ hours of full-stack web development course with < 3% acceptance rate, 2020