YUCHEN LIU

Personal website: yuchenliu.me
Newport Beach, California
(+1)949-432-1899 ⋄ yl6448@courant.nyu.edu

WORK EXPERIENCE

Web developer Intern 7/2020 - 8/2020
Ponderr

· Built highly reusable UI components and elegant state management with QuasarJS and VueJS.
· Created efficient RESTful APIs and queries using Python Flask and DynamoDB.

PROJECTS

Coronavirus globe
https://github.com/yuchenliu15/coronavirus-globe
NodeJS application with Google Cloud API and SQLite3 storage. Cleaned and processed the data before rendering the globe visualization with Three.js.

SpaceX Countdown
https://spacextime.live
ReactJS application with SpaceX API display the SpaceX launches information. Used React state, context, effect hooks and HOCs. Styled with React Bootstrap, CSS Flex and Grid.

A clone of Bootstrap website
ReactJS site with Redux and Saga to manage the state efficiently. Used Firebase to store subscriptions. Styled with React Spring, Material UI, and CSS modules to better the UX and a responsiveness.

SKILLS

- Programming: NodeJS, Java, ReactJS/Redux, VueJS, QuarsarJS, HTML/CSS/JS, Bootstrap4, PostgreSQL, SQLite, MongoDB, Firebase, Python, C

- Tools: Git, Linux, Jest

AWARDS

HackNYU, UiPath winner
Worked on backend to integrate and create API endpoints for front-end with NodeJS and ExpressJS. Created a robust blockchain digital wallet with Stellar API.

EDUCATION

NYU Courant Institute of Mathematical Sciences *2019 - 2023*
CS and Data Science, BA
Relevant courses: Intro to Data Science, Calculus 3, Data Structure, Discrete Math, Computer System Organization