# YUCHEN LIU

Personal website: yuchenliu.me

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## WORK EXPERIENCE

**Web developer Intern**                                                   7/2020 - 8/2020

*Ponderr*

· Built highly reusable UI components and concise state management with QuasarJS and VueJS.

· Designed data models and RESTful APIs 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 that's connected with Firebase. Styled with React Spring, Material UI, and CSS modules.

## SKILLS

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

- Tools: Git, Linux, Jest, Framer

## 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