

MICHELLE LIN

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[PORTFOLIO](#)

[GITHUB](#)

[LINKEDIN](#)

SKILLS

JavaScript, React, Vue.js, Redux, GraphQL, HTML, CSS, Ruby, Ruby on Rails, Mongoose, MongoDB, Firebase, Node.js, Express.js, SQL, SQLite3, PostgreSQL, Webpack, jQuery, Git, Heroku, Adobe Photoshop, Adobe Illustrator, Unity, MadMapper

EXPERIENCE

Atlassian

Frontend Software Engineer Intern

May 2021 - Aug 2021

- Migrated a multi-page user experience into a single page app with React TypeScript, resulting in faster page load time
- Mutated and navigated data with GraphQL queries and Apollo GraphQL library from user input to the backend database
- Created reusable frontend Timezone and SMS country code components for frontend page

C24 Gallery

Freelance Web Designer

Mar 2020 - Nov 2020

Part-time Gallery Assistant

Sep 2019 - Dec 2019

Internship

Apr 2019 - Sep 2019

- Built and maintained company website with Wix, enabling superior performance and user experience
- Designed layout of documents using Adobe InDesign such as press release and catalog
- Created Booth renderings for art fair applications and got into many art fairs including The Armory Show 2020

Shi Shan Shui Steak House, Fujian, China

Freelance Graphic Designer

Feb 2019 - Sep 2019

- Developed numerous marketing programs (posters, brochures, menu, and advertisements) using illustrator, photoshop, and InDesign to achieve design goals
- Worked directly with the marketing team to establish project scope, guidelines, and project timelines
- Designed templates, wireframes, and visual mockups for visual presentations

EDUCATION

MA Design and Development of Digital Games - Columbia University, Teachers College

2020 - Present

Web Development - App Academy

2020

BFA Fine Arts - School of Visual Arts

2016 - 2020

PROJECTS

Don't Forget the COFFEE (Ruby on Rails, PostgreSQL, React, Redux, Scss, Webpack, Heroku)

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

A single-page clone of a todo app, Remember the Milk, where users can create, edit and delete lists and tasks.

- Implemented back and front end user authentication by combining Rails, Active Record, and React-Router, allowing for secure and efficient user login/signup
- Created modal for editing and adding lists by passing props from reducers to frontend container components and back-end database
- Leveraged Redux in conjunction with React Container Components to achieve efficient state management, yielding fewer database queries and faster page load times

Cloudy Mind (MongoDB, ReactJS, Node js, Express js)

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

A web application focused on highlighting mental health issues. Users can comment on other users' posts and reply back and forth.

- Implemented modals on images, allowing users to see various data when clicking on or through images
- Created algorithms to source relevant posts for a user, allowing for a lighter-weight frontend
- Designed CSS animation keyframe for graphical elements on the page, yielding a more immersive user experience

MiuMiu Tale (HTML Canvas, CSS, JavaScript)

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

RPG game made with HTML canvas, CSS, and JavaScript with a cat named MiuMiu exploring a fantasy world.

- Decreased rendering latency by using HTML5 Canvas and animation frames, resulting in smooth gaming experience
- Implemented a camera system utilizing culling, which renders only relevant parts of the map, allowing for more efficient load times
- Created a method to calculate the player's position and roof position so when the user moves under the roof, the floor tiles will appear