

Diyi Liu

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[Github/dliu12](https://github.com/dliu12) | linkedin.com/in/diyi-liu997 | [Portfolio](#)

SKILLS

Web Development Skills: HTML, CSS/SASS/SCSS, JavaScript, jQuery, React.js, GIT/Bitbucket, Jest, Robot Framework, AWS

Design Software: Figma, GIMP, Adobe AfterEffect CC, Fusion 360

EDUCATION

The Cooper Union, Albert Nerken School of Engineering
Bachelors of Science in Engineering

New York, NY
May, 2019

WORK EXPERIENCES

Web Developer (Front-end Focused) , *Immersed Games*

1/2022 - Present

React, REST/GraphQL, HTML, CSS/SASS, JavaScript/jQuery, RobotFramework, Ruby on Rails

- Deliver and maintain important front-end features and UI for a game-based learning company to deliver supportive STEM education for elementary to middle school students.
- Debug existing features based on defect reports and provide hot-fixes to resolve customer facing issues.
- Improve user experience by implementing new functionalities such as on user-facing dashboard and game setup platforms based on wireframes and requirement specifications, and renewing old features such as user authentication process.
- Maintain web-app by updating packages with NPM and YARN, and composing unit tests using Jest.js for existing React components, and E2E tests with Robot Framework.
- Participated in integration work with 3rd party platforms such as cross company collaboration project with American Student Assistance (a non-profit organization).
- Collaborate in an exceptional team of 7 in an agile environment and coordinate with various teams on large company projects. Participate in peer-review process and offer implementation suggestions.
- Effectively scoped future project by providing estimates and feasibility suggestions on weekly basis.

Front-end Developer Intern , *Treehouse Strategy*

6/2021 - 12/21

React, APIs, HTML, CSS/SASS, JavaScript

- Modernize the front-end of a full-stack platform that automates document translation services provided by agencies.
- Develop responsive React components from scratch based on Figma design wireframes, and ensure pixel perfect implementation while delivering reusable markups.
- Develop complex features for components and data handling by coordinating with Back-end Developers to ensure correct data flow and API implementation. Debug existing components based on defect reports.
- Improve user experience by implementing features such as user registration and email built-in functionalities that streamlines user creation and order placement process.

PROJECTS

"To Do List" - React, JavaScript, HTML, CSS, Figma

10/2021

- Built a To-Do list with features for adding new tasks, tracking ongoing tasks, and marking completed tasks by utilizing the browser's local storage.
- Designed and wire-framed the visual aesthetic using Figma.

"SMASH" - HTML, CSS, JavaScript, jQuery

05/2018

- Created a single page interactive web game with inspiration from Flappy Bird.
- Designed single and double player game mechanics with win/lose conditions.
- Implemented feature that allowed users to select difficulty levels.