

Alexandria Ho Yan Wong

Software Engineer

New York, NY | (929) 323-6650 | alexandriawhy@gmail.com | [Portfolio](#) | [LinkedIn](#) | [GitHub](#)

SKILLS

Languages: JavaScript (ES6), Ruby, HTML5, CSS3, SQL

Frontend: React, Redux, SASS, jQuery, Webpack, Babel, Babylon.js

Backend: Ruby on Rails, Node.js, Express.js, PostgreSQL, MongoDB, REST APIs

Tools: Git, GitHub, Heroku, AWS, GCP, WordPress

Design: Figma, Adobe XD, Photoshop, Illustrator, Lightroom, InDesign, Premiere Pro, AutoCAD, Revit, Rhino

PROJECTS

Eventsight (*JavaScript, React/Redux, Ruby on Rails 5, HTML, SASS, AWS*)

[Live](#) | [GitHub](#)

Event organization platform for organizers and attendees | Solo project | 2 weeks

- Leveraged ActiveStorage and AWS S3 to integrate media upload and preview for event management CRUD to enhance scalability.
- Employed Redux and React for state management and to optimize web performance.
- Utilized CSS3 flexbox for a compelling, flexible, and responsive UI.

Partyr (*JavaScript, React/Redux, MongoDB, Node.js, Express.js, WebSockets, Google Maps API*)

[Live](#) | [GitHub](#)

MERN stack party planning and organizing application with live chat | 4-person group project | 1 week

- Designed the application wireframes and implemented relevant CSS to deliver a clean and modern UI.
- Implemented logic for creating custom colors for each user and event to deliver a more customized UX.
- Harnessed the unidirectional state management of Redux to simplify React components and directly manage data for form inputs and form submissions.

Alex in Wonderland (*JavaScript, HTML, SASS, Typed.js*)

[Live](#) | [GitHub](#)

Alice in Wonderland themed JavaScript DOM manipulation and CSS animation demo | Solo project | 1 week

- Designed and illustrated SVG graphics to enhance responsiveness and reduce load time.
- Incorporated Typed.js library to alleviate code for typewriter effect.
- Implemented vanilla JavaScript drag and drop action to provide maximum interactivity.

EXPERIENCE

Freelance Translator

New York, NY | Sep 2018 - Aug 2020

- Transcribed and/or translated documents and audios to/from English, Traditional Chinese, Simplified Chinese, and Japanese to assist academic research and business operation.

Architectural Assistant | [Architecture Design and Research Group](#)

Hong Kong | Oct 2016 - Aug 2018

- Produced 500+ architectural drawings and renderings for statutory submission, design, and construction purposes for 6+ projects.
- Co-managed teams of 15+ external engineers and designers to deliver the final product to the clients in 3-18 months, with experience of kickstarting a new project and following on-going projects.
- Conducted research and held public hearings with 200+ stakeholders on the existing barrier-free regulation of Macau and provided amendments to the Macau SAR government. Proposed changes on 70%+ existing regulations to meet international standards.

EDUCATION

[App Academy](#) | *Highly selective software engineering program with a 3% acceptance rate* New York, NY | Fall 2020

[Pratt Institute](#) | *Product Design I, Introductory course to product, UI and UX design* New York, NY | Spring 2019

[The Chinese University of Hong Kong](#) | *Bachelor of Social Science (Architectural Studies)* Hong Kong | 2012 - 2016