

Qien Gao

Tel: (203)913-9495 Email: qienzgao@gmail.com

LinkedIn: [linkedin.com/in/qiengao](https://www.linkedin.com/in/qiengao) Github: github.com/qienzgao Portfolio: qiengao.com

TECHNICAL SKILLS

- Rails, React, Redux, Ruby, Javascript, CSS3, HTML5, jQuery, Express, NodeJS, MongoDB, PostgreSQL, SQL, AWS

PROJECTS

Pinspire (Ruby on Rails, React, Redux, JavaScript, HTML5, SCSS, PostgreSQL, Webpack, AWS S3, Heroku) [live site](#) | [github](#)

A Pinterest clone ([pinterest.com](https://www.pinterest.com)) for posting, discovering, and saving images (specifically "pins") along with detailed information about the "pin" in the form of "boards".

- Built the user authentication through backend and frontend React Router, allowing users to only have access and make changes to their own "pins", "boards" and personal information.
- Connected the Rails backend to AWS S3 for image storage and organization to benefit from its data scalability and capacity for better page-load performance and security on uploaded content using AWS IAM.
- Harnessed the unidirectional state management of Redux to simplify React components and directly manage data for form inputs and submissions.
- Managed CRUD through custom transactional database operations using Active Record and PostgreSQL.

interView (MongoDB, Express, React, JavaScript, Node, HTML5, CSS3, AWS S3, Heroku) [live site](#) | [github](#)

A platform for video interviewing where users can practice their interviewing skills by uploading short videos and eliciting feedback along with a rubric score.

- Integrated Redux with HTML5 media web components to create customized media playback for users.
- Developed users' autonomy and privacy by linking their feedback to their account, allowing for fast and efficient editing and deletion of authorized feedback.
- Improved UI and UX by implementing real-time data visualization of rubric scores.
- Employed GitHub's version control system to effectively collaborate with 3 other team members to increase productivity and workflow by working on assigned separated features.

Master of Potions (JavaScript, HTML5, SCSS, Canvas API, Paper.js) [live site](#) | [github](#)

A web application game where users can interact with different ingredients with tools to make potions.

- Constructed a unidirectional data flow architecture with a single application-level state object to prevent mutated state and data collision, and to ensure reliable DOM rendering.
- Implemented HTML Canvas along with SCSS animation frames to dynamically render images to create a visually compelling game experience.
- Leveraged Javascript's asynchronicity to create an interactive and responsive game, via DOM manipulations and the use of event handlers and listeners.

EXPERIENCE

Sun Noodle

Accounting Clerk

09/2020 - 06/2021

- Daily use of QuickBooks and monthly reconciliation of all of the company's bank accounts to ensure 0% variance, handle all accounts payable duties, account reconciliation and accounts receivable.
- Match, batch, and code vendor invoices.
- Review and balance internal accounts, analyze variances, prepare appropriate reports, and monitor depreciable assets with financial software

EDUCATION

App Academy, New York, NY

10/2021 - 04/2022

Immersive software engineering Bootcamp. A 1000+ hours curriculum with a 3% acceptance rate.

Rutgers University, New Brunswick, NJ

09/2018 - 05/2020

B.A. Sociology doubled B.A. Philosophy