

Chi Hin (Danny) Chan

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New York, NY

[Portfolio](#)

[Linkedin](#)

[GitHub](#)

Skills

JavaScript, React.js, Redux, Ruby, Ruby on Rails, jQuery, PostgreSQL, Heroku, Webpack, git, HTML5, CSS3, Python

Projects

Kanbanno

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

JavaScript, React, Redux, jQuery, Ruby on Rails, PostgreSQL, HTML5, CSS3, Heroku, Webpack

Single-page app inspired by Trello for collaborative project management with a board-based user interface

- Integrated React components from the react-beautiful-dnd library to give lists and cards drag-and-drop capability, enhancing the user experience by allowing items to be repositioned more naturally
- Implemented front-end and back-end user authentication with BCrypt, cookies, and custom React-Router components to protect user-generated data and persist logins across sessions
- Normalized database and front-end state to reduce data redundancy, prevent unnecessary re-renders, control access to boards, and enable collaboration with other users
- Managed board CRUD through custom transactional database operations with ActiveRecord and PostgreSQL to give users full control over their content

Elemental Attack

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

JavaScript, HTML5, Canvas API, CSS3, Webpack

An educational action game that teaches basic concepts from high school chemistry

- Utilized HTML5 Canvas and animation frames to provide smooth gameplay and conserve computing resources when players are not engaged with the game
- Developed object collision logic to manage simultaneous collisions involving atoms and the player
- Employed good OOP practices and separation of concerns to split game components into separate entities in order to create a DRY maintainable codebase

Experience

Sales Associate | May 2019 - August 2019

UNIQLO USA | New York, NY

- Practiced good inventory management to maintain a 0% out-of-stock ratio in order to maximize sales by ensuring full product availability on the sales floor
- Processed transactions within 120 seconds to reduce queues at checkout, boosting customer satisfaction
- Promoted our app to achieve 40% usage at checkout from our store, higher than the national average

Vice President | September 2017 - May 2018

American Institute of Chemical Engineers (AIChE) | University at Buffalo Student Chapter

- Planned fundraisers to raise \$4000 for activities that support members' professional development
- Introduced new email format and club calendar to improve communication to the club's 70 members
- Awarded the AIChE Western NY Local Section Outstanding Senior Award for contributions to the club

Education

App Academy | August - November 2019 | New York, NY

Immersive 1000-hour full-stack web and software development course with an acceptance rate of less than 3%

University at Buffalo, The State University of New York | May 2018 | Buffalo, NY

Bachelor of Science in Chemical Engineering | Minor in Mathematics | GPA: 3.9/4.0

Relevant coursework: Computer-Aided Research in the Chemical and Material Sciences, Data-Oriented Computing