

# Danny Peng

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## SKILLS

JavaScript, React.js, Redux.js, Ruby on Rails, Express.js, Node.js, PostgreSQL, MongoDB, NoSQL, HTML5, CSS3, REST, TDD, RSpec, Capybara, Git

## WORK SAMPLES

### Apertr | Solo Project

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

*Photo-hosting site inspired by Flickr, built using Ruby on Rails/PostgreSQL backend and React/Redux frontend.*

- Built a secured authentication system that hashes submitted passwords using BCrypt encryption to protect user login credentials.
- Implemented an easy-to-use image uploading interface that safely stores user photos in AWS S3 through Paperclip and secured by Figaro on a Rails backend.
- Utilized React/Redux's unidirectional architecture and state manipulation of the DOM to design a feature for adding/removing photos instantly when creating or updating albums.
- Integrated comments and tags features on each photo's page that takes advantage of React's diffing algorithm and SPA capabilities by updating the respective components in response to user inputs and interactions without refreshing the page.
- Enabled a search bar that queries for photos based on the existence of photo tags between each photo and the searched tag word.

### Tap Tap Revolution | Solo Project

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

*Take on the popular Dance Dance Revolution arcade game using pure Javascript and HTML5 Canvas.*

- Created a dynamic interface through HTML5 Canvas where dynamic arrows rendered as sprites smoothly move up the canvas towards the static arrows to create the original game's visuals and feel.
- Simulated the game registering successful "taps" by using event listeners and collision detection between dynamic and static arrows.
- Designed algorithms to keep track of streaks of consecutive "taps" and a points system that rewards more points as the streak increases to certain thresholds.
- Built pause, restart, and mute/unmute features using JavaScript, pointers, and logic to allow players flexibility during gameplay.

## EXPERIENCE

### WEB DEVELOPER (2018-Present)

*Alchemy Collective Hair Lab*

- Built a frontend only web app using React, HTML5 with emphasis on semantic element tags, and robust CSS3 such as responsive media queries and flexbox properties.
- Implemented a contact form using EmailJS and Mailgun that allows customers to submit their name, email, and message, after which a designated address will receive an email for their inquiry whilst the customer will also receive a confirmation email at their submitted address, all without a backend.
- Currently introducing a server aspect to the site to allow for SMS communications through Twilio and will also add a SQL database to integrate a calendar feature for booking appointments.

### VIEWSONIC US (2013 – 2017)

*Pricing Analyst / 2016 - 2017*

- Worked with multiple teams/levels of leadership across the company to research, analyze, and process pricing for business opportunities of varying complexity.
- Prioritized external and internal pricing inquiries within a fast-paced environment of juggling hourly commercial bid demands and managing internal changing dynamics to manage the B2B portion of annual revenues in excess of \$200M.
- Helped lead the design of the Salesforce-based bid desk platform to better streamline efficiency and automation processes.

*Sales & Marketing Operations Administrator / 2015 - 2016*

- Processed pricing requests to help support a weekly pipeline of approximately \$5M in product shipped.

*Inside Sales / 2013 - 2015*

- Provided excellent customer relationship management for assigned SMB's, using Salesforce.com to track and optimize account growth.
- Won the inaugural Transformational Award from sales management for our geo team's efforts in growing the region by over 200% YOY.

## EDUCATION

### App Academy (graduated 2018)

Immersive full stack computer programming school with <3% acceptance rate and 1000+ hours of programming.

### University California @ San Diego (graduated 2011)

BA - Communication