

MATT WONG

✉ mwong9968@gmail.com

☎ (619) 729-1269

🏠 1730 Highland Pl #2, Berkeley, CA 94709

SKILLS

JavaScript | React | Redux | CSS3 | jQuery
| Ruby | Rails | SQL | React-Native | Jekyll

EDUCATION

University of California at Davis, 2013

B.S. Civil and Environmental Engineering

Curriculum Highlights: MatLab, Linear Algebra, Java

App Academy, 2017

1000-hour full-stack programming bootcamp with <3% acceptance rate

Includes: Rails, SQL, JS, React, TDD, algorithms, data structures, & best programming practices

WORK

Associate Civil Engineer

Kleinfelder Group

November 2013 - January 2015

- Calculated flow rates and fluid distribution in a 60 million gallon Clearwell reservoir
- Interpreted design drawings and specifications of chlorine contact chamber and checked for calculation errors
- Assisted in the creation of technical memoranda, design calculations, O&M manuals, and AutoCAD diagrams

Portrait Photographer

Self-Employed

March 2015 - November 2017

- Photographed hundreds of individuals to boost approachability and professionalism

ER Medical Scribe

ScribeAmerica

January 2015 - August 2016

- Advised emergency physicians on best documentation practices
- Collaborated closely with over 45 medical professionals (MD, DO, PA) to complete medical charting more accurately, thoroughly, and efficiently

PROJECTS

Catbnb [Rails, React, Redux] [Live Site](#) • [Github](#)

Solo Project || A single-page search engine connecting cat owners with hosts

- Updates React components in real time by changing incoming props via AJAX requests
- Allows for refined searches based on map boundaries, price, and number of cats with URL query strings as database parameters
- Utilizes a variety of external APIs; to seed the database (Ruby Geocoder), render prices of a map (Google Maps)
- Implements secure account creation & login through BCrypt and session tokens

Highland Portraits [React, jQuery, CSS]

[Live Site](#) • [Github](#)

Solo Project || A lightning-fast modal gallery built with React and LQIP

- Lightning-fast browsing through a responsive grid layout of images
- Low-quality image placeholders (LQIP) blur out when the main image has loaded

Matt L. Wong [jQuery, CSS, HTML]

[Live Site](#) • [Github](#)

Solo Project || A mobile-responsive website with custom styling that enables a Javascript gallery

- Uses jQuery to compute the window screen, then formats the gallery to fit its maximum usable dimensions

Flexbox Mondrian [React-Native]

[Live Site](#) • [Github](#)

Frontend Developer || An artistic demonstration of React Native's Flexbox properties

- Using nested flexbox display properties to create layouts that mimic the style of paintings by [Piet Mondrian](#)