

# Travis Nguyen

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Irvine, CA

## SKILLS

**Languages:** JavaScript, Ruby, PHP, HTML5, CSS3, SASS

**Frameworks & Libraries:** React.js, Redux, Jest, Gatsby.js, Ruby on Rails, Express, Mongoose, GraphQL

**Development Tools:** Git, Webpack, NPM, Contentful, Netlify, Visual Studio Code, Atom, Sketch, Postman

**Databases:** MongoDB, PostgreSQL

## EXPERIENCE

### Full Stack Engineer - Contractor at Facebook

Nov 2018 - Present

Codazen

- Built scalable, web-based applications with **React** and **PHP** for Facebook (**Portal**, **Oculus**, **Workplace**, **FB Dating**, **FB Pay**)
  - Developed reusable components, prototypes, and user interfaces in order to meet product design specifications
  - Created fully responsive (across various browsers/devices) pixel-perfect product detail pages from provided mock-ups using Facebook's internally built CMS
  - Conducted A/B testing for the data science team to determine patterns for an optimal user experience
  - Devise solutions to improve site load speed by analyzing server response time, caching strategy, and asset delivery optimization
- Spearheaded the company site overhaul, rearchitecting a WordPress setup to a Gatsby, Netlify, and Contentful setup
  - Developed UI components using **React Hooks** and implemented tests using **Jest** and **React Testing Library**
  - Constructed content models and wrote **GraphQL** queries to fetch component data from Contentful
  - Created landing pages and set up analytics through HubSpot for the marketing team to track metrics

### Operations Manager

Jun 2016 - Dec 2017

Pho Noodle & Sushi Bar

- Trained new waiters and floor staff on guest service expectations, proper food handling, and restaurant protocols
- Increased sales by 10% through collaborations with marketing representatives to implement promotional campaigns
- Boosted profit margins by identifying and eliminating inventory issues such as excess ordering and poor storage management

## PROJECTS

### Wander Camp (JavaScript, React/Redux, Ruby on Rails, PostgreSQL, JBuilder)

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

Web application that allows users to book unique camping experiences around the world

- Integrated Google Maps API with geolocation based searching to dynamically query specific listings within a set radius
- Preloaded relational model data to prevent N + 1 queries to the PostgreSQL database using Rails Active Record
- Leveraged Redux architecture's unidirectional data flow with JBuilder to create a normalized data state
- Implemented secure and efficient user authentication using the salt and hash features of the Ruby BCrypt gem and bootstrapping user data

### Yelp on Slack (MongoDB, React, Express.js, Node.js)

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

Slack application that generates a curated list of restaurants in a poll format

- Persisted channel access token and webhook url data to MongoDB using Mongoose ODM library upon app authorization
- Parsed dialog query filters for yelp fusion API request to select restaurants based on a Bayesian average of their ratings
- Utilized the Fisher-Yates shuffle algorithm on restaurants to ensure unique options when using identical query filters

## EDUCATION

### App Academy

Apr 2018 - Jul 2018

Software Development Course

- Immersive 1000-hour full-stack web development course with a less than 3% acceptance rate
- Topics include: TDD, scalability, algorithms, OOP, coding style, REST, security, single-page apps, and programming best practices

### University of California, Irvine

Sep 2012 - Jun 2016

B.S. in Biological Sciences

- Received dean's honor list each year during undergraduate career and graduated with a 3.65 GPA