# DAVID HALSEY

SOFTWARE ENGINEER

## PROFILE

personal site

github

linkedin

angelist

## CONTACT

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New York, NY

## SKILLS

JAVASCRIPT (ES5/ES6)

RUBY/RAILS

JQUERY

REACT/REDUX

HTML/CSS

SQL

TDD

GIT

AWS

## TDD FRAMEWORKS

RSPEC

MOCHA

JASMINE

CAPYBARA

# EXPERIENCE

### FRONT-END ENGINEER - ACCESSORIES DIRECT (2017)

- Eliminated cross-platform browser incompatibilities via custom wrapper functions and jQuery
- Redesigned media queries and optimized SCSS providing dynamic resizing and responsiveness for all webpage media
- Integrated Instagram API for live feed and promotional broadcasting

### WEB DEVELOPER - CASTELLANO ETHNIC ORIGINS (2017)

- Designed and deployed individual product pages
- Refactored media queries to provide consistent cross-platform browsing experience
- Secured site against XXE, SQL, and XSS injections via document upload validation, strong params, and sanitized user input

### INSTRUCTOR - APP ACADEMY (2017)

- Taught fundamentals of JavaScript covering ES5 and ES6
- Focused on execution context, creation and compilation phases, scope, closure, hoisting, async, callbacks, and HOFs
- Emphasis on TDD, algorithms, OOP, programming best practices

# PROJECTS

### READ THE LEAVES - RUBY, RAILS, POSTGRES, JS, REACT + REDUX, HTML, CSS

Link | Github | Full-stack meetup app inspired by Tea With Strangers

- Deployed high-scalability frontend architecture through Redux/Flux pattern and state normalization
- Minimized user latency via AJAX requests and RESTful JSON API
- Enabled user profile customization using AWS S3 buckets
- Secured user experience using client and server-side validations, session management, rerouting, and password encryption

### jOker - JAVASCRIPT

Github | Minimalist DOM element manipulation library derived from jQuery
- Function library for event handling and AJAX with Promise return

# EDUCATION

### SOFTWARE ENGINEERING - APP ACADEMY

- 1000-hour software engineering bootcamp with a 3% acceptance rate.

### MASTERS (MSc.) BIOLOGICAL SCIENCE - NOVA SOUTHEASTERN UNIVERSITY

- GPA: 3.82

### BACHELORS (BSc.) BIOLOGICAL SCIENCE - UNIVERSITY OF NEW ENGLAND