

David Halsey

Software Engineer

[Github](#) | [LinkedIn](#) | [Portfolio](#)

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EXPERIENCE

Front-End Engineer | *Accessories Direct* - NY, 2017

Web Developer | *Castellano Ethnic Origins* - NY, 2017

Instructor | *App Academy* - NY, 2017

- Taught full-stack curriculum with an emphasis on TDD, algorithms, OOP, programming best practices, and more

JavaScript Tutor | NY, (2016-2017)

- Focused on fundamentals of JavaScript covering ES5 and ES6
- Focused on execution context, creation and compilation phases, scope, closure, hoisting, async, callbacks, and HOFs

PROJECTS

Read The Leaves

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

Ruby, Ruby-on-Rails, React.js, Redux, postgresSQL

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
- Optimized requests via Relation caching and eager loading to prevent N+1 and duplicate queries
- Secured user experience using client and server-side validations, session management, rerouting, and password encryption

jOker

[Github](#)

JavaScript

Lightweight DOM manipulation library with AJAX requests

- Intuitively named function-library wrapped in a global object allowing for event handling and AJAX with Promise return

SKILLS

Languages:

JavaScript/ES6,
React.js, Redux,
Ruby, Rails, jQuery,
SQL, postgresSQL, MySQL,
HTML5, CSS3,
Git, Heroku,
AWS

TDD Frameworks:

RSpec, Capybara,
Jasmine, Mocha

EDUCATION

App Academy - NY

2017

1000-hour software
engineering bootcamp with
<3% acceptance rate

**NOVA Southeastern U. -
FL**

(2010 - 2014)

MSc. Biological Science

GPA: 3.82