

# Frederico De Paoli

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## TECHNICAL PROJECTS

[DoodleDocs](#) - Responsive online drawing platform used to draw and share sketches

- + Modularized code using React and Redux to create fast, reusable website navigation
- + Designed custom methods that simulate drawing using HTML Canvas, recording each stroke in a component state to allow for undo and redo functionality
- + Validated registrations on both front- and back-ends, and authenticated axios requests using JWT to secure user accounts

[CheckUpOn](#) - Single-page webapp that displays a Twitter user's current mood

- + Linked calls from the Twitter API for a Twitter user, extracting their 10 most recent tweets, to the Google Natural Language API, parsing those tweets for emotional sentiment and magnitude
- + Utilized AJAX requests and jQuery to render new content without page refreshes, producing a clean, efficient look

[Trado](#) - Chrome Extension for quickly translating words and phrases

- + Chains promises using the Yandex.Translate API to automatically detect and translate highlighted words on a page, overlaying a div directly above the selected text
- + Leverages Chrome Extension API to set and fetch saved target language

## EMPLOYMENT HISTORY

**Verve**, New York, NY

Software Engineer, *June 2018 - Present*

- + Co-lead consolidation of ad unit rendering and delivery systems between acquiring company Verve and acquired company Receptiv to ensure most efficient integration of different front-end tech stacks
- + Represent engineering in brainstorming designs for and technically evaluating feasibility of prospective custom ad engagements
- + Expand features of outstream mobile web video ads (i.e. autoplay, swipeable, muting, custom sizes, enhanced metrics) and create a user-friendly tag for publishers to choose between features

**Receptiv**, New York, NY

JavaScript Engineer, *July 2017 - June 2018*

- + Developed and deployed front-end structure of React-based enterprise software system utilizing Redux to optimize ad operations management and campaign trafficking
- + Designed and built HTML, CSS, and JavaScript for custom mobile advertisements, including mini-games involving score-tracking and collision detection, coordinated animations using pure CSS as well as GreenSock, and third-party API leveraging
- + Debugged and maintained extensive ad delivery codebase supporting 360 image and video, programmatic, MRAID, and VAST

## EDUCATION

**Flatiron School** - New York, NY - 2017

- + Immersive Full Stack Web Development Program

**Cornell University** - Ithaca, NY - 2015

- + Bachelor of Arts in Psychology, cum laude – GPA: 3.76

## TECHNICAL SKILLS

- + JavaScript, React, Redux, jQuery, HTML, CSS, GreenSock – Advanced
- + Node, Ruby, Rails, Webpack, Gulp, Bamboo – Intermediate
- + SQL, C#, Python – Basic