

# CHRIS SIMONS

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[PORTFOLIO](#) [GITHUB](#) [LINKEDIN](#)

## SKILLS

JavaScript, React, Redux, HTML, CSS, SCSS, Ruby, Ruby on Rails, Mongoose, MongoDB, Node.js, AJAX, Express.js, SQL, SQLite3, PostgreSQL, Webpack, jQuery, Git, Heroku, D3

## PROJECTS

**The Academy** (Rails, React/Redux, HTML5, SCSS, PostgreSQL)

[live](#) | [github](#)

A clone of the website DIY [Instructables.com](#) built as a single page app. .

- Utilized CSS3 Flexbox, Pseudo-Classes, and React-Modals to create a pixel perfect, and functional user-facing layout.
- Built custom error handling functions at the component level to catch and format errors in a more aesthetic way, allowing errors to float in and out of the page instead of populating just under the form input element.
- Implemented CRUD routes to save lessons modularly to the back end, allowing users to store long term project drafts to the database without being published and a validation system that ensures no outside user can access draft level data.

**PoliSee**(Express, ReactJS, Redux, MongoDB, Mongoose, NodeMailer, Agenda)

[live](#) | [github](#)

An original site which provides information on local representatives based on location and sends automated emails to users.

- As project lead, organized daily workflow between four team members and managed merge conflicts to ensure the integrity of the master branch, ensuring no team members were ever waiting for a feature to begin their work.
- Integrated a backend variable to each user which is caught by an Agenda Scheduler to send out optional weekly emails to the subject full of information collected through the site.
- Used information from initial XML requests to the Google Civics API to make concurrent requests to the propublica and news API to provide a suite of political information and breaking news stories to the user. .

**Whale Watch**(JavaScript, D3)

[live](#) | [github](#)

A JavaScript based app which tracks the location and depth of a pod of sperm whales in the pacific coast of mexico.

- Leveraged D3 to create a rotating orthographic projection of the world's oceans with simultaneous zooming and rotation to focus on an arbitrary point of coordinates in order to animate a globe zooming into the position of the whale pod. .
- Designed an animated chart which populates SVG line segments overlaid onto a graph and map over time to simulate the movement of a whale over sea and its relative depth via H-DOP data.

## EXPERIENCE

### Research Analyst

[Digistream Investigations](#)

Sept 2018 - Jan 2020

- Leveraged OSINT techniques to perform social media based private investigations for medical companies, insurance providers, independent businesses, defense attorneys and state prosecutors.
- Completed over two hundred solo investigations, averaging about 1.2 completed cases per day.

### Client Service Supervisor

[Aveanna healthcare](#)

Dec 2016 - May 2018

- Directly managed the scheduling and homecare needs of over 30 clients, and provided assistance in the management of over 140 families and 500 employees ensuring round the clock medical care for high risk pediatric patients.
- Managed my personal caseload with a direct profit margin of 42.2%, a full 5% higher than my contemporaries in the office, while maintaining above average ratings for customer satisfaction and high marks from nurses employed under me.

## EDUCATION

**Web Development** - [App Academy](#)

Spring 2020

Immersive software development course with a focus on full-stack web development, which entailed 1000+ hours of coding.

**BS Criminal Justice** - St. John's University, New York

Spring 2014