

# Trevor Smith

[Github](#) / [Personal Site](#)

Phone: 347-791-7592

[trevorzacharysmith@gmail.com](mailto:trevorzacharysmith@gmail.com)

## SKILLS

JavaScript, React.js, Redux, Ruby, Ruby on Rails, SQL, jQuery, D3.js, Git, HTML5, CSS3, AJAX

## PROJECTS

### CryptoNight

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

*Full-stack single-page investment app built with React/Redux based on Robinhood Crypto*

- Continually fetches real-time market data by weaving multiple AJAX requests to cryptocompare API, utilizing recharts library and React for seamless data-visualization
- Utilizes polymorphic associations in Rails for customizable UX, enabling watchlists of specific currencies, simulated buy/sell of shares, portfolio profit tracking, and a curated news feed
- Allows addition of new cryptocurrencies via Rails backend, with search by multiple criteria and sorting functionality in the frontend for streamlined user interaction

### Coral

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

*Interactive JavaScript web app where users dynamically evolve procedurally generated coral*

- Procedurally generates 2D fractal coral using a stochastic Lindenmayer system and uses p5.js to interpret generated string into aesthetic and interactive elements as well as adapting input for compatibility with most devices including touchscreen mobile
- Allows dynamic evolution guided by user input - each individual coral holds unique 'genes' that pass on to the next generation by taking advantage of OOP principles

### KingDOM

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

*Lightweight custom jQuery build, showcased in a currency converter JavaScript app*

- Custom version of jQuery built with vanilla JavaScript allowing dynamic rendering of DOM elements and interactive class toggling
- Enables chainable AJAX requests that return promises, implemented here in a currency converter app interacting with European Central Banks currency API

## EDUCATION

### App Academy - Dec 2018

- 1000+ hour software development course with <3% acceptance rate
- Worked on projects daily utilizing React, Redux, Ruby on Rails, Javascript, SQL, emphasizing OOP, pair-programming, REST, TDD and other best practices

### Cornell University - May 2018

*B.A. Economics, Minor in Information Sciences*

Relevant Coursework

- Intro CS, Object Oriented Programming, Data-Driven Web Apps, Intermediate Web Design and Programming, Designing Technology for Social Impact
- Probability Models, Applied Econometrics, Game Theory

## EXPERIENCE

### Innovation Consultant Intern

*Bacharach Leadership Company*

May 2017 - Sept 2017

- Involved in conducting research, advising, planning, editing, and writing for publication of book by critically-acclaimed author
- Conducted research on management styles and technological innovation in organizations of different sizes

### Lab Assistant

*Pleiss Biotechnology Lab*

Nov 2014 - May 2017

- Worked with and assisted graduate researchers in RNA splicing experimentation
- Performed lab management and maintenance tasks