

Trevor Smith

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

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SKILLS

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

EDUCATION

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 highly customizable UX, allowing users to watch specific cryptocurrencies, simulate buying and selling shares at live market prices, track their profits, and check 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
- 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

PROJECTS

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

Shadow of Chief Radiologist

Prince of Wales Radiology Department, Hong Kong

May 2015 - Aug 2015

- Observed hospital work environment and management
- Observed medical techniques and treatment of patients such as ultrasound, MRI, X-ray and PET scans