

Trevor Smith

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SKILLS

Technical Skills: Ruby, Ruby on Rails, JavaScript, jQuery, React.js, Redux, SQL, Git, HTML5, CSS3
Strong Analytical Skills: SAT: 2280 - Math: 760, Reading: 800, Writing: 720

EDUCATION

CryptoNight

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

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

- 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 track cryptocurrencies, simulate buying and selling shares at live market prices, 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
- Interprets generated string into visually appealing and interactive elements using p5.js library, with each individual coral holding unique “genes” that pass on to the next generation, allowing dynamic evolution guided by user input
- Adapts size and input for compatibility with most devices, including touchscreen mobile

Chess

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

Chess game built in Ruby, playable in terminal

- Maintains DRY code by using modules and compartmentalization of classes
- More to come... implement AI etc.

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

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