Trevor Smith

Github   Phone: 347-791-7592   trevorzacharysmith@gmail.com

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, 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
- 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

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 Hospital 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 andPET scans