Justin CHEASTY

San Francisco   510-421-1241   cheasty@gmail.com   GitHub   LinkedIn   cheasty.digital

SKILLS

JavaScript, React, Redux, Ruby, Ruby on Rails, Node.js, SQL, PostgreSQL, Webpack, jQuery, Git, Heroku, Recharts.js, Web Audio API, Canvas API, HTML, CSS

EDUCATION

University of California, Berkeley - BA Political Economy 2020, concentration in Monetary Economics
AppAcademy - 2021, intensive full-stack web development program with a 3% acceptance rate

PROJECTS

Robinerd, a Robinhood clone *(React/Redux, Rails 5, Recharts/Charts.js, Finnhub Stock API)*   **live site** | **github**
- Engineered stock search that intelligently organizes real-time search results for an intuitive user experience.
- Integrated Finnhub Stock API to Recharts.js to graph real-time market accurate stock prices
- Built portfolio tracker that makes AJAX call to Rails and PostgreSQL backend to save stock purchases to user account, graphed on landing page as total portfolio value

TracNova, a Correlations Tracker *(React/Redux, MongoDB, MERN STACK, Recharts JS)*   **live site** | **github**
- Designed the interface and user experience, to simplify and make fun and intuitive its complex process
- Employed advanced CSS techniques to animate environmental ambiance to reinforce branding choices
- Constructed graphs in Recharts.js to dynamically display date-adjustable data, mixing and matching two datasets at once, each set to one of three distinct data types

Dragon Scream, a Subtractive Synthesizer *(Vanilla JavaScript, Web Audio API, Canvas API)*   **live site** | **github**
- Designed fully playable subtractive FM synthesizer using vanilla JavaScript and Web Audio API, with 15 adjustable audio parameters
- Integrated Web Audio API to Canvas API to give stylized, visual feedback of the played sound's waveform in the artistic form of a dragon breathing fire
- Engineered polyphonic, multi-octave keyboard that routes audio through 15 audio parameters including two sidechain busses, and a custom distortion sound algorithm

EXPERIENCE

Computer Music Composer & World Traveler   2011 - 2021
- Composed and performed original works with original sound design using digital sequencers, samplers, and synthesizers, while participating in cultural events and learning diverse cultures

Additional Work
- *Cheasty, Cheasty & Malek, Attys at Law*: Legal Assistant   2017 - 2019
  - Organized 1000+ pages of medical data weekly to compose 1,200 word Demand Letters
  - Investigated arcane medical charges which saved clients an average of $15,000
- Lyft and Uber: Driver: 2015 - 2018
  - Consistently rated among top 3% of drivers in SF Bay Area across both platforms
- Merrill Lynch: Intern   2011 - 2011
  - Lead the investigation to acquire specialized "High Active Share" mutual fund data that Financial Advisor still uses to determine clients' portfolio balance, outperforming the market every single year since
  - Solved major office-wide legal-compliance requirement, connecting every key to every door, desk, and filing cabinet for 200 person-office, rallying fellow interns, working with each individual in the office, and creating a templated system for management to update the completed work as needed