COLIN TRESS

SOFTWARE ENGINEER

SKILLS

- Ruby on Rails
- React
- Redux
- Ruby
- PostgreSQL
- NPM
- AWS
- JavaScript
- jQuery
- HTML
- CSS
- TDD
- Git
- WebPack

CONNECT

github

linkedin

portfolio

CONTACT DETAILS

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Brooklyn, NY,

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860-331-0394

PROJECTS

Pictagram — Ruby on Rails / React / Redux   live / git
This fullstack app emulates the core features of Instagram, allowing users to upload, share, like, and comment on pictures, as well as follow other users.

- It integrates with AWS S3's API to store image files externally for improved speed and performance.
- Normalized state shape makes fetching data from the current state much more efficient, and adding and updating features easy, as data is no longer heavily nested.
- Custom modal React component allows for modular, consistent modal windows.

Dungeon Deck — JavaScript / jQuery   live / git
In this solo strategy game, players must manage their hand carefully in order to clear all 54 cards in the deck.

- In addition to written rules, the game highlights legal moves in order to teach new players faster.
- Incorporates Howler.js methods to manipulate audio file in order to overcome HTML's poor audio playback.

EDUCATION

App Academy — New York, NY
2018
Rigorous 1000-hour software development course with <3% acceptance rate and an emphasis on pair programming

Green Mountain College — Poultney, VT
2010 - 2014
Bachelors in Renewable Energy & Ecological Design

National Taiwan Normal University — Taipei, TW
2009 - 2010
Chinese Language Studies

EXPERIENCE

App Academy
NY, 2018
- Responsible for delivering lectures and instruction for JumpStart program
- Conducted technical and non-technical fit interviews for App Academy candidates.

bartaco W. Hartford
CT, 2014-2018
- Led server teams in a high-volume, fast-paced environment.
- Responsible for training 50+ employees.

Positive Energy LLC.
NY, 2014
- Performed site analysis and system design for photovoltaic arrays.
- Produced detailed proposals, including digital renderings and savings projections.