



# COLIN TRESS

SOFTWARE ENGINEER

## SKILLS

- React.js
- Redux
- Ruby on Rails
- Flask
- Git
- Python
- Ruby
- JavaScript
- HTML
- CSS

## CONTACT

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## CONNECT



[linkedin.com/in/tressc](https://www.linkedin.com/in/tressc)



[github.com/tressc](https://github.com/tressc)



[colintress.com](https://colintress.com)

## PROJECTS

PICTAGRAM - Ruby on Rails | React | Redux [live](#) [git](#)  
*This fullstack app emulates the core features of Instagram, allowing users to share, like, and comment on photos.*

- Integrates with AWS S3 to store image files externally for improved speed and performance.
- Custom React modal component allows for modular, consistent modal windows.

DUNGEON DECK - JavaScript | jQuery [live](#) [git](#)  
*Players must manage their hand carefully in order to clear all 54 cards in the deck in this solo strategy game.*

- Includes valid move highlighting to facilitate rules acquisition.
- Incorporates Howler.js methods to overcome HTML's poor audio playback.

## WORK EXPERIENCE

SOFTWARE DEVELOPMENT ENGINEERING INTERN  
RedRoute Inc. | Jul 2018 -

- Developed new Interactive Voice Response features for core product.
- Expanded and maintained client-facing web portal.

JUMPSTART INSTRUCTOR & HACKER IN RESIDENCE  
App Academy | Apr 2018 - Jul 2018

- Delivered lectures and one-on-one instruction for introductory programming and computer-science course.
- Conducted technical and non-technical interviews for prospective students.

## EDUCATION

SOFTWARE ENGINEERING  
App Academy | 2018

B.A. RENEWABLE ENERGY & ECOLOGICAL DESIGN  
Green Mountain College | 2014

CHINESE LANGUAGE STUDIES  
National Taiwan Normal University | 2010