CHRISTOPHER ADAM LEE

Software Engineer

CONTACT

ChristopherAdamLee@gmail.com

347.248.6119

www.christopheradamlee.com

GitHub: /ChristopherALee

LinkedIn: /in/christopheradamlee

TECH & SKILLS

JavaScript, React, Redux, Ruby, Rails, RSpec, HTML5, CSS3, Sass, SQL, jQuery, Git

EDUCATION

App Academy
Nov 2017 - Feb 2018

Stony Brook University
Class of 2015
Bachelor of Science: Finance

PROJECTS

Gobble - Full-Stack Single-Page App | Live Site | Repo Link

Messaging app built with Ruby on Rails on the backend for a RESTful JSON API and React/Redux on the frontend

- Implements WebSockets to optimize delivery of messages and channels to users in real-time
- Performs security validations to prevent ID enumeration attacks, inhibiting users from accessing direct messages that don't belong to them
- Demonstrates an intuitive UI and UX experience by responsive design via message, modal, and channel notifications rendering

ISO - Full Stack Single-Page App | Live Site | Repo Link

Photo-sharing app built with Ruby on Rails on the backend for a RESTful JSON API and React/Redux on the frontend

- Manipulates 2D grid layouts and media rulings in CSS3 and Sass to ensure a mobile responsive, seamless user experience
- Leverages AWS S3 storage in collaboration with Rails Paperclip Gem to upload photos, resulting in an interactive experience
- Optimizes backend request controllers to implement a photo feed, allowing a user to only view photos of users they've followed

XTINCTION - JavaScript Game | Live Site | Repo Link

Survival shooter game written in JavaScript and Canvas where the player defends themselves from an endless wave of monsters

- Integrates Google Firebase to store and track player scores
- Formulated collision algorithms to compare intersecting object positions, accurately detecting collisions between the player, monsters, and bullets
- Developed sprite animation algorithms to effectively render every frame of a sprite map seamlessly

PROFESSIONAL EXPERIENCE

AppNexus

Client Finance Analyst I-II | December 2015 - July 2017

- Designed comprehensive forecasting tools for revenue analyses and monthly data-serving reports via SQL, JSON, and Excel; resulting in 80%-90% accuracy in forecasts and expediting monthly reporting completion time by 66%
- Led a team project on netting analytics of high risk accounts; resulting in a decrease in company financial liability by 5%
- Evaluated inconsistencies in financial data for ad-hoc reconciliation projects; streamlining operations and enforcing efficient practices in data analytics, reporting and billing. Monthly case-reported issues were reduced by 75%
- Optimized data shaping logic and created data visualization models of large financial data-sets to present to upper management