CHRISTOPHER ADAM LEE

Software Engineer

CONTACT

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TECH & SKILLS

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

EDUCATION

App Academy
Nov 2017 - Feb 2018

Stony Brook University
Class of 2015
Bachelor of Science: Finance

PROJECTS

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 CRUD in backend 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

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

StarDOM - Custom JavaScript Library | Live Site | Repo Link
Custom-built library used for handling event actions, AJAX requests, and manipulation of the DOM

- Incorporates conversion of HTML elements as DOM Node classes that has many methods to manipulate the DOM
- Features a To-Do application using the StarDOM library, establishing full CRUD actions for every To-Do

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; enabling development to streamline operations and enforce 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