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CHRISTOPHER ADAM LEE

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 – Interactive 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 enable a lively environment when playing the game
- Formalized collision algorithms to accurately detect collisions between the player, monsters, and bullets
- Integrates an Object Oriented Programming approach resulting in dry, concise code

StarDOM – 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

TECHNOLOGY & SKILLS

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

PROFESSIONAL EXPERIENCE

APPNEXUS   **New York, NY**
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

NEW YORK INSTITUTE OF FINANCE   **New York, NY**
Database Manager (Contract)   **June 2015 – June 2015**

- Cultivated and organized data-sets from multiple databases to recommend efficiency practices to management
- Diagnosed HTML inaccuracies that disrupted database stability; improving functions within company operations
- Transferred data from legacy databases to new databases; producing a seamless transition for the company

EDUCATION

APP ACADEMY   **November 2017 – February 2018**
Full-Stack Web Development Bootcamp

- 1000-hour immersive full-stack web development intensive with < 3% acceptance rate
- Curriculum: Rails, SQL, JS, React, TDD, REST, security, single-page apps, algorithms, and design patterns

STONY BROOK UNIVERSITY, STATE UNIVERSITY OF NEW YORK   **Graduated – May 2015**
Bachelor of Science, Business Management: Finance