Christopher Lee

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PROJECTS

ExtraLarge | (React/Redux, Rails, PostgreSQL)

Live | Github

A single-page web app for creating and publishing content, inspired by Medium

- Normalizes database to reduce dependencies and allow for seamless integration of new data types
- Secures API endpoints from raw AJAX calls by validating the sender's authentication token
- Maximizes scalability through cloud image storage with AWS
- Prevents timing attacks through constant time string comparison and database lookup

Shoot10 | (JavaScript ES6, Canvas)

Live | Github

A single-player game in which players try to destroy as many ships as they can with only 10 bullets

- Employs trigonometric formulas to create a perfect circle of exploding debris
- Implements collision check between bullets and ships
- Utilizes HTML5 Canvas for fluid animation and modern design

Ruby Record | (Ruby)

Github

An ORM storage method that allows for easy storage and retrieval of data

- Applies Ruby metaprogramming to write modular methods for SQL associations
- Provides object-relational mapping with support for single and multi-step associations
- Includes model level validations for presence, uniqueness, and field length

EXPERIENCE

Genus Development Partners (New York, NY) - Full Stack Engineer

SEPTEMBER 2018 - Present

- Develop Genie Portal a React.js webapp on Ruby on Rails
- Connect Genie Portal to Ethereum blockchain using smart contracts in Solidity

Bonchon Chicken (New York, NY) - Bartender

SEPTEMBER 2015 - JULY 2016

- Received a promotion within 2 months, singlehandedly managing the bar and serving ~200 people nightly
- Calculated register totals to ensure balance matched daily sales of ~\$4k

SKILLS

Languages

- JavaScript
- Solidity
- Ruby
- SQL
- HTML5
- CSS3
- Git

Database

- PostgreSQL
- SQLite

Technologies

- React
- Redux
- jQuery
- Ruby on Rails
- AWS
- Heroku

EDUCATION

App Academy — 2017 1000-hour full stack web development immersive with < 3% acceptance rate

Baruch College — 2017 Studied Management of Musical Enterprises

Nassau Community

College – 2014 A.A. Liberal Arts