Kingsley Liao

Phone: (917) 402-3255 | Email: kingsleyyliao@gmail.com

Skills

JavaScript	React.js	Redux	jQuery	Git	Ruby
Ruby on Rails	PostgreSQL	HTML5	CSS3	AWS S3	RSpec

Projects

ROBOgram - Ruby on Rails, React/Redux, PostgreSQL, HTML5, CSS3

A single page photo sharing application inspired by Instagram — **LIVE Github**
- Built a RESTful Rails API backend system to deliver JSON to React components
- Enhanced website scalability and performance by configuring Paperclip to store images on AWS S3
- Implemented secure user authentication system by using BCrypt to hash and salt passwords
- Incorporated an image preview and drag and drop feature to improve the user experience

Just Jump It - JavaScript, HTML5 Canvas, CSS3

JavaScript browser game based on the popular game Doodle Jump — **LIVE Github**
- Built with OOP principles to ensure easy implementation of future features
- Designed the game physics and collision detection to manage character and game state
- Implemented a realtime online database to store high score information to enhance the user experience

JasperORM - Ruby, SQLite3

A RoR ORM library for creating relationship models inspired by ActiveRecord — **Github**
- Designed a lightweight library for object oriented relational mapping
- Developed an interface using Ruby's metaprogramming capabilities to create intuitive and semantic database querying methods based on object models and user defined relationships

Professional Experience

Deloitte & Touche LLP   07/2015 - 04/2017

Securitization Advisory Consultant
- Completed collateralized loan obligation projects, directly contributing over $1mm in revenue
- Calculated financial ratios and analyzed collateral details on MBS portfolios worth US $500MM - $2B
- Drafted AUP letters issued to trustees and CLO collateral managers detailing procedures performed, major assumptions, and other AICPA reporting requirements for review engagements

Education

App Academy (2017)

1000+ hour full stack development course with < 3% acceptance rate
Coursework: Algorithms, OOP, REST, Authentication, TDD, Data Structures, Client-Side MVC

Binghamton University, School of Management (2010 - 2015)

Master of Science in Accounting, GPA: 3.71
Bachelor of Science in Accounting, GPA: 3.69