Kingsley Liao

PHONE: 917-402-3255

EMAIL: kingsleyyliao@gmail.com

New York, NY

Skills

JavaScript • React • Redux • jQuery • RSpec • Git • Ruby • Ruby on Rails • postgreSQL HTML5 • CSS3 • Amazon Web Services S3 • TDD • Webpack • SQL • Heroku

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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 to handle HTTP responses to HTTP requests
- Configured the paperclip gem to automatically store user uploaded images onto Amazon Web Services S3 to enhance the data scalability and performance of the website
- Implemented secure user authentication system by using BCrypt to hash and salt passwords into unique session tokens and password digests. The unique session token is passed on every HTTP request and response to identify the user

Just Jump It - JavaScript, HTML5 Canvas, CSS3

JavaScript browser game based on the popular game Doodle Jump — **LIVE Github**

- Built adhering to Object Oriented Programming principles to ensure that the code is maintainable to ensure that future features can be easily implemented
- Designed the game physics and collision detection to manage character state and the game state

JasperORM - Ruby on Rails, SQLite3

A RoR ORM library for creating relationship models inspired by ActiveRecord — **Github**

- Designed a lightweight library for objected oriented relational mapping
- Implemented database querying methods by leveraging Ruby's metaprogramming abilities, including the methods #define_method and #instance_variable_set

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Professional Experience

Deloitte & Touche LLP   07/2015 - 04/2017

Securitization Advisory Consultant

- Completed collateralized loan obligation projects that have directly contributed 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

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Education

App Academy

1000+ hour Full Stack Development Course   Spring 2017

SUNY Binghamton, School of Management

Master Degree of Science in Accounting   2014 - 2015
Bachelor Degree of Science in Accounting   2010 - 2014