Cindy Gomez

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Projects

Remindur | JavaScript, React, Redux, Rails, PostgreSQL
A fullstack, single-page task-management app, inspired by Remember The Milk
• Implemented 4 separate (3 backend and 1 frontend) authentication checks to ensure database security, ensure client login information is correct and compare session cookie when logged in
• AJAX requests constantly updated React components and jBuilder curated data using Ruby to then construct JSON views
• Kept code DRY through use of partials and higher-order components

Fractal Tree Evolution | JavaScript, CSS3, HTML5, Canvas
Visualization of different methods to create a Fractal Tree
• Used DOM manipulation for an interactive visualization of the different approaches and limits to create a binary fractal tree
• Movement of leaves achieved by modeling physics of free falling objects

Frame | Ruby
A MVC framework inspired by Ruby on Rails
• Provides default structures for web application development
• Examines type of web request and any parameters given by a browser, loads and/or updates information necessary, then outputs an HTML response for the browser
• Stores session data on server side using cookies so that client information persists through multiple requests

Skills

Python	Ruby on Rails	JavaScript	React	SQL	HTML5
Ruby	RSpec	jQuery	Redux	AWS	CSS3

Education

App Academy – New York, NY   March – June 2018
1000-hour immersive full-stack web development intensive with <3% acceptance rate

Hofstra University – Hempstead, NY   2013 – 2017
B.S. Mathematics and Physics · GPA: 3.5
Relevant Coursework: Fundamentals in Computer Science, Linear Algebra, Statistics

Work History

Teacher – Sylvan Learning Center
Rego Park, NY - September 2017 – Present
Expanded course offerings at company, resulting in more satisfied clients
Worked with approximately 3 students at a time

Programming Instructor – App Academy
New York, NY - July 2018 – Present
Taught fundamental programming concepts in Ruby including data structures and algorithms to prospective students through lectures and one-on-one instruction

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