George Tsimis

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SKILLS

JavaScript, React, Redux, HTML5, CSS3 , Ruby, Rails, Mongoose, Node.js, Express.js, SQL, SQLite3, PostgreSQL, Webpack, jQuery, Git, Heroku, MongoDB

PROJECTS

Quitter | (React, Redux, JavaScript, MongoDB, Express.js, Node.js, HTML5, CSS3, Webpack, Heroku)   **Live Link | Github Repo**

Single-page app that helps users to quit bad habits through statistics and joining groups with other like-minded users

- Utilized the Validator.js library to validate user input in the controller before saving things into a Mongodb database in order to prevent saving malformed data
- Utilized MongoDB's flexible document schemas to make on the fly database changes during development
- Took Advantage of Plotly library to dynamically graph logs when made by users
- Developed an algorithm that provides feedback to user to help them gradually stop their bad habit

Self.TV | (React, Redux, Rails 5, Ruby, HTML5, CSS3, PostgreSQL, AWS, Heroku)   **Live Link | Github Repo**

A full-stack, pixel-perfect clone of YouTube

- Integrated Redux with HTML5 media web components to create customized media playback for users
- Employed CSS3 flexbox with z-index and React-Modal for a compelling and flexible layout
- Incorporated Amazon S3's data storage infrastructure to upload and retrieve files, benefiting from its data scalability and capacity, resulting in improved page-load performance.
- Leveraged Rails polymorphic associations with likes on videos and comments for DRY code

Drum-Simulator | (Vanilla JavaScript, Webpack, HTML5 CSS3, Web Audio API, Canvas API)   **Live Link | Github Repo**

Interactive drum simulation game that allows users to produce percussion sounds in a freestyle mode or on top of preloaded drumless tracks

- Used keydown events in JavaScript that were linked to audio tags in HTML5 and Web Audio API to make drum sounds when a particular key on keyboard was pressed
- Used Canvas API to draw balloons of various sizes to be created on each keydown event. Request frame animation method was used to simulate ball movement after creation.

EXPERIENCE

Moody's Corporation, New York, NY

Financial Technology Consultant   Apr 2020 – July 2021

- Worked closely with Corporate Tax departments to develop proper strategies and best practices for Moody's data platforms
- Provided training to corporate tax departments new hires to bring them up to speed on Moody's platforms
- Identified weaknesses in Moody's data platforms and worked closely with developers to improve them
- Managed hundreds of accounts within my territory ranging from Fortune 50 to small private companies

Financial Data Analyst   July 2018 – Mar 2020

- Ensured accuracy, consistency, and analytical value of a portfolio of 300+ public and private business entities. Liaised with senior analysts to resolve queries for financial data used in ratings process
- Managed and supported offshore team that performed data entry by analyzing their work, making corrections and providing feedback for future courses of action
- Trained new hires on portfolio management, accounting standards used in rating process, Moody's based software and the day to day activities of an FDA

PricewaterhouseCoopers, LLP, New York, NY

Assurance Intern – Alternative Investments   Jan 2018 – Mar 2018

- Created, and kept up to date, multiple confirmation logs of accounts associated with third party investment brokers to ensure accuracy on client's financials
- Performed testing on client's financials, including cash reconciliation, to gather sufficient evidence associated
    - with a thorough audit

Queens College/NYC College of Technology (CUNY), Flushing/Brooklyn, NY

Adjunct Lecturer – Mathematics Department   Aug 2016 – Dec 2017

- Taught undergraduate courses in elementary algebra, college algebra & trigonometry, pre-calculus, and calculus. Class sizes ranged from twenty-five to thirty-five students
- Created course syllabi and structured lectures in alignment with CUNY standards to best position students to perform well on departmental exams
- Designed homework problems of varying difficulty to reinforce concepts learned in class. Used homework responses to identify concepts that prompted further clarification for students
- Held office hours to meet with students and discuss problematic concepts. Developed studying action plans to facilitate better understanding of these concepts

EDUCATION

App Academy

Web development bootcamp with 1000-hour curriculum and < 3% acceptance rate   Nov 2021

Queens College of the City University of New York

Master of Arts in Mathematics   Sept 2021

Queens College of the City University of New York

Bachelor of Arts in Accounting, Minor in Economics   Sept 2019

Bachelor of Arts with Honors in Mathematics   June 2016