Yilin Wang

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SKILLS

React.js, JavaScript, SQL, Ruby, Ruby on Rails, jQuery, Redux, Git, HTML5, CSS3, R

PROJECTS

Poll'r Bear   Live Site | Github

A single page real time polling application inspired by Poll Everywhere

- Leveraged React to allow users to create groups, questions within groups, choices within questions, and answer counts within choices
- Integrated WebSockets to track the response for each question in real time, and dynamically edit the DOM using API calls to the SQL database
- Implemented an activate button to control what question to show for the audience from the backend
- Handled asynchronous operations for creating and updating choices by recursively iterating over the choices

Restaurant Inspection Results Visualization   Live Site | Github

An object-oriented visualization of restaurant inspection grade using Google Maps

- Depicted relationships between geographical locations, grades of inspection results and the violation reasons using Google Maps API and D3.js
- Demonstrated how inspection grades vary depending on month during year 2018 using an asynchronous time lapse render
- Adjusted weightings based on grade to show the relative severity and density

EXPERIENCE

Media Analyst

VaynerMedia   March 2018 - Sep 2018

- Generated client-facing campaign reports with Excel, and wrote scripts in R, saving two hours on formatting and calculating for each reporting cycle
- Analyzed advertising campaigns data by comparing different demographic groups, time periods or creatives across various social platforms (e.g. Facebook, YouTube)
- Suggested clients adjusting budget to target a more specific group of audience, which decreased CPM at least 10% than last year's benchmark

EDUCATION

App Academy   Nov 2018 - Feb 2019

- Immersive software development course with focus on full stack web development
- Rigorous program that accepts < 3% of all applicants

Colorado State University   Summer 2016 - Spring 2017

- Master of Applied Statistics, Cumulative GPA: 3.73/4.0

Rose-Hulman Institute of Technology   Fall 2011 - Spring 2015

- B.S. in Mathematics, Major GPA: 3.5/4.0; Cumulative GPA: 3.4/4.0 – cum laude