Jackie Lu

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jql6.github.io

Skills

- Languages: CSS, HTML, JavaScript, React, R, Python, SQL,
- Statistical modelling: Random Forest, Logistic Regression, Linear Regression
- Other software: git, LaTeX, Tableau

Education

Bachelor of Science, Statistics Major
Simon Fraser University   Sept. 2016 - Dec. 2020

Experience

Front End Dev - Truffles Fine Foods   July 2020 - Apr. 2021
- https://trufflesfinefoods.com/
- Improved performance rating from 76 to 94 and on Google Lighthouse by converting images into webp format and using cache plugins
- Connected contact form to Tripleseat lead form API, resulting in new customers

Projects

React memory card game   Jul. 2021
- Created a game with React Hooks that uses an algorithm to guarantee a correct card choice and has animated win/loss screens
- Increased PageSpeed Insight performance score from 88 to 100 by reducing font file

React resume builder   Jun. 2021
- Created a responsive resume building app using React with a feature for saving the file to pdf

NBA fantasy sports matchup projections   Apr. 2021
- Visualized matchup projections with PostgreSQL and Tableau by scraping Yahoo API and NBA API to make matchup predictions based on season averages and number of games left in a week, resulting in team placing top 3 out of 12 other teams

Volunteering

Machine Learning Technologist - Haiven   Sept. 2020 - Present
- Creating audio data pipeline for aggression detection model for app that combats domestic abuse by alerting emergency contacts if the aggression threshold is met
- Scraped 100% of data to be used by the model in the form of audio and video files from Reddit's API in Python
- Completed three pull requests and code reviewed one pull request