Kevin Zheng

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EDUCATION

University at Buffalo   2018 - 2022
B.S., Aerospace and Mechanical Engineering (Double Major)   *Magna Cum Laude*

SKILLS

Tech Stack : React, NodeJS, ExpressJS, MongoDB, TailwindCSS, HTML/CSS
Languages : Javascript, Python, MATLAB
Other : Git, Linux/Unix, Pandas, NumPy

PROJECTS

ReliantGIS | *Javascript, React*   Nov 2022
reliant-gis.netlify.app | github.com/klzheng/Reliant-GIS

- Built web app that utilizes a geographic information system (GIS) for data visualization
- Used ArcGIS API for mapping and feature layers
- Includes income and demographics data for users to access

TCDb | *React, Node.js, Express.js, MongoDB, Tailwind*   Oct 2022
thecinemadb.netlify.app | github.com/klzheng/TCDb

- Fullstack web application that allows users to view, create, update, and delete their reviews and ratings on their all favorite films
- Hosted all user data on MongoDB (cloud database)
- Utilized The Movie Database's API for cinema item retrieval
- Used React and Tailwind for the frontend, NodeJS and Express for the backend, and MongoDB for the database

Weather App! | *React, TailwindCSS, HTML*   Sept 2022
klzheng-weather.netlify.app | github.com/klzheng/weather-app

- Built application that displays weather details and forecast based on location
- Used Tomorrow API and Google's Geocoding API for weather retrieval and location search
- Implemented search feature to check the weather anywhere!

Exploring Datasets | *Python, Pandas, Matplotlib, NumPy*   July 2022
klzheng-portfolio.netlify.app/google_trends_visualization.pdf

- Analyzed and cleaned multiple datasets to provide insight into trending topics (crypto, EVs, unemployment rates)
- Generated graphs/visualizations to form recommendation from datasets