KALE EVANS

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Portfolio: kaletevans.github.io/portfolio

Education

The University of Oklahoma	Bachelor of Science, Aerospace Engineering	May 2019
The University of Texas	Web Developer Boot Camp Certificate in Progress	July 2021

Technical Skills

Languages: JavaScript (fluent), C++ (prior experience), SQL, Bash, HTML/CSS
Frameworks / Libraries: Node.js, Express.js, Sequelize ORM, Handlebars
Tools: GitHub, Matlab, Visual Studio, Arduino

Projects

Stock Dashboard | https://github.com/KaleTEvans/stocksV2

- In progress side project to present potential stock price gainers along with their charts and data from various APIs
- Uses some front-end Object-Oriented Programming and has back-end functionality for a future database to store and analyze historical predictions
- Tools Used: HTML, CSS, JavaScript, Node.Js

Reddit Stock Traffic Analyzer | https://github.com/KaleTEvans/reddit-stock-tracker

- In progress back-end project to filter posts on the WallStreetBets subreddit to obtain stock mentions and sentiment
- Extracts data via the reddit API and compares it to a JSON file of stock data and stores matches into an SQL database
- Purpose is to experiment with creating a search engine and potential implementation into the stock dashboard
- Tools Used: JavaScript, Node.Js, MySQL

Fantasy Team Builder | https://github.com/jshmtchll/fantasy-team-roster

- Application to build a fantasy sports team and input players and stats to compare and comment on other user teams
- Uses SQL with user authentication and password hashing for data storage
- Collaborative project to develop an open-ended full-stack application in a team setting
- Tools Used: HTML, CSS, Handlebars, JavaScript, MySQL, GitHub version control

Experience

Boeing – *Systems Engineer*; Oklahoma City, OK — July 2019-Present

- Maintained sections of the program System/Subsystem Design Description, a document outlining the requirements for the aircraft to meet mission parameters, using an iterative review process to reduce potential errors to zero
- Created a streamlined method to map program certification criteria to system requirements for later use to easily verify that meeting the system requirements also met the certification criteria
- Co-created a Technical Data Package for the system level Preliminary Design Review involving a large collaboration effort between integrated product teams to compile all subsystem level technical data into a presentable deliverable for the customer

Intuitive Machines – *Engineering Intern*; Houston, TX — May 2019 – July 2019

- Designed and developed composite materials for oil pipeline surveillance UAVs
- Presented the composite design to potential customers and investors

Volunteer Experience

Sooner Flight Club – *Teacher* — June 2018 – May 2019

- Led several summer camp groups of children in grades k-12 in learning about airplane science and piloting as an effort to encourage young children to pursue careers in STEM