Anthony Magana

Los Angeles, CA | (818) 396-2804 | anthonymagana0705@gmail.com | GitHub | LinkedIn

SKILLS | INTERESTS

Skills: Java, C, HMTL, CSS, JavaScript, React.js, NoSQL, Photoshop, Adobe XD, Git, GitHub
Interests: Stock Market, Performance Cars, Student Mentorship, Hackathons

PROJECTS

EONET Tracking May 2021 – June 2021
https://eonet-tracker.netlify.app/
https://github.com/anthony-magana/EONET-Tracker/

- Developed a user-friendly web app to track and display current global natural events to integrate the data with Google Maps.
- Implemented **React.js** with NASA's **RESTful EONET API** for its main source of data and the **Google Maps API** for user interaction with the data.
- Utilized **Iconify** for its icons to mark each geographic location where natural events occur.

E-commerce Store June 2021 – July 2021
https://mod-ent.netlify.app/
https://github.com/anthony-magana/Web-Store/

- Designed a scalable end-to-end E-commerce website from landing, sales, checkout, and order fulfillment to simulate a real-world company's merchandise process.
- Leveraged **React.js** with **Material-UI** and **Commerce.js** for front-end development for the pre-checkout process.
- Applied **Stripe.js** for post checkout and fulfillment processes.

Vehicle Rentals July 2021 - Present
https://github.com/anthony-magana/VehicleRentals/

- Engineered a cross-platform mobile app as a peer-to-peer vehicle renting marketplace, from user authentication, location, and database of user's data to simulate a real-world vehicle marketplace.
- Introduced **React Native** with **Expo-CLI** and **Google Maps API** for front-end development for displaying rentals near you, location, and car search.
- Enabled **Redux** for state management and **Firebase/Firestore** for backend development for storing user's credentials and rental posts/bookings.

Path Finder July 2021 – Aug 2021
https://github.com/anthony-magana/PathFinder

- Programmed a **React.js** application that displays a custom grid of nodes with walls to find a target node from a start node using path **searching algorithms**.
- Implemented **Dijkstra's** algorithm and **A* best-first search** algorithm in **JavaScript** to find the shortest path from the start node to target node.
- Visualizes the **path finding algorithms** on the grid with options to change the grid size, clear grid and re-initialize grid for different randomized wall placement.

WORK EXPERIENCE

Darrow Heating & Air Conditioning, Los Angeles, CA May 2019 – August 2019
HVAC Assistant Technician

- Contracted to go to client's homes to test, repair, or install full HVAC systems and components.

EDUCATION

Bachelor of Science in Computer Science Expected Graduation: May 2022
California State University, Northridge