

Anthony Magana

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EDUCATION

California State University, Northridge

Bachelor of Science in Computer Science

Northridge, CA

Aug. 2017 – May 2022

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, MySQL, NoSQL (MongoDB, FireStore), HTML/CSS, TypeScript, Go, C#, C, R

Frameworks: React, Node.js, Next.js, Express, Gatsby.js, Flask, Material-UI, ChakraUI

Developer Tools: Git, GitHub, Google Cloud Platform, Heroku, VS Code, Unity, RStudio

Libraries: Auth0, React Router, React Spring, JWT, GORM, Bootstrap, Stripe Elements, Google Maps

PROJECTS

Jobs Jet | *Next.js, MongoDB, Auth0, Node.js, ChakraUI, React Spring, Nodemailer, Git*

Dec 2021 – Present

<https://github.com/anthony-magana/JobsJet>

- Engineered a peer-to-peer job board, from **user authentication**, **responsive design**, and **database** of user's data for simulating a tinder style experience when looking for a job or candidate to hire.
- Introduced **Next.js** for great performance, server-side rendering, data fetching, and coupled with **Chakra UI** allowing for a responsive mobile and desktop web app.
- Enabled **Auth0** for user authentication and **MongoDB** for the backend development, storing user information such as name, city, state, skills, education, etc., used for pairing candidates with employers who then swipe left or right to see if they are a match.

EONET Tracking | *JavaScript, React, Google Maps, Iconify, Git*

May 2021 – June 2021

<https://github.com/anthony-magana/EONET-Tracker>

- Developed a user-friendly web app to track and display current global natural events and integrate the data with the Google Maps.
- Utilized **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.
- Implemented **Iconify** for its icons to mark each geographic location where natural events occur.

Path Finder | *React.js, JavaScript, Git*

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.

MOD-ENT | *React.js, Material UI, Commerce.js, Git*

June 2021 – July 2020

<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** on the front-end development for the pre-checkout process.
- Applied **Stripe.js** for post checkout and fulfillment processes.

EXPERIENCE

HVAC Assistant Technician

Darrow Heating & Air Conditioning

May 2019 – August 2019

Los Angeles, CA

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