

Gregory Vargas

Full-Stack Web Developer

I am seeking a work environment that will give me the opportunity to learn and grow as a full-stack developer. With my curiosity and dedication, I am confident in my abilities to quickly pickup new technologies. I believe my passion for seeking and mastering different front and back end technologies to create whole applications will allow me to excel and succeed as a full-stack developer.



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github.com/gv4383

SKILLS

Full-Stack Development

JavaScript

React.js

Redux

Express/Node.js

PostgreSQL

ES6+

HTML

CSS

Git/GitHub

Material-UI

Semantic-UI

Bootstrap

Ant Design

MATLAB

Verilog

PSPICE

Mentor Graphics CHS

Siemens NX

LabVIEW

Circuit Analysis

INTERESTS

Music/Guitar

Soccer

Cooking

Bouldering

EDUCATION

Texas A&M University

Bachelor of Science in Electrical Engineering

08/2013 – 05/2018

College Station, TX

DevMountain

Web Development/Engineering Immersive

05/2018 – 08/2018

Dallas, TX

PERSONAL & GROUP PROJECTS

Fetch Tech - Group Project (07/2018 – 08/2018)

- Collaborated in a team of 4 to create a full-Stack web app that utilized News API to bring various news articles to the user
- Filter through articles based on "General Tech", "Developer Tech", and "Entertainment"
- Adopted social media aspects such as commenting, giving claps, bookmarking articles, and following other users
- Technologies used included React.js, Redux, Express/Node.js, PostgreSQL, Ant Design, and News API
- <https://github.com/fetch-tech/fetch-tech>

Project Playlist (06/2018 – 07/2018)

- Full-stack web app that utilized Spotify's API
- Search for songs within Spotify's library and add them to custom-created playlists
- Technologies used included React.js, Redux, Express/Node.js, PostgreSQL, and Spotify's Web API
- <https://github.com/gv4383/project-playlist>

No-Database Project (05/2018 – 06/2018)

- Small-scale web application that utilized front-end and back-end development without a database
- Pulled a list of fictional characters from a web API and displayed the information to the DOM
- Edit current hero entries, create new entries, and delete any of those entries
- Technologies used included React.js, Express/Node.js, and the Overwatch API
- <https://github.com/gv4383/no-db-project>

Autonomous Vehicle Design - Senior Design Project (08/2017 – 05/2018)

- Designed and implemented power system to effectively deliver power to all components
- Aided in development of autonomous system for self-driving car and sensor fusion network

WORK EXPERIENCE

L-3 Technologies

Electrical Design Engineer - Intern

01/2017 – 08/2017

Greenville, TX

Tasks/Duties

- Designed and developed electrical systems for the integration of electronic equipment on military/commercial aircraft and ground stations
- Drafted systems wiring diagrams, circuit breaker panels, control panels and other items using CAD tools
- Responsible for research, development of systems integration, preparation of engineering drawings, and coordination of design activities with Systems Engineering, Manufacturing, and Production

Texas A&M University

Teaching Assistant - Freshmen Engineering

09/2014 – 12/2016

College Station, TX

Tasks/Duties

- Led help sessions and tutored freshmen students in engineering classes