

Derek James Hernandez

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derekhernandez.vercel.app/ • github.com/HernandezDerekJ/

Education

Bachelor's of Science in Computer Science, Minor: Mathematics Texas State University	January 2016 - August 2019 San Marcos, Texas
Certificate in MERN Full-Stack Development University of Texas at Austin Coding Bootcamp	May 2021 - September 2021 Austin, Texas
Associates of Liberal Arts in General Studies Austin Community College	August 2014 - May 2016 Austin, Texas

Skills

Programming Languages: Java, C, C++, CSS3 HTML5, Python, JavaScript/TypeScript, Assembly, SQL
Frameworks: React, Handlebars, Express.js, Node.js, GraphQL, MongoDB
Technologies: Git, Bash (Unix Shell), Workbench, Robo3, JSON

Projects

Book Search Engine • *JavaScript, React.js, MongoDB, Grapqql, HTML5, CSS3, NoSQL*
book-search-engine-uta.herokuapp.com/

- Updated Node/React to GraphQL/React app to improve flexibility & simplicity of backend calls.
- Configured and deployed Mutations, Queries, Resolvers, Typedefs, Schemas to the backend.
- Integrated GraphQL backend calls to React components via Apollo Client front end calls.
- Server-Side issued and authenticated JWT tokens, each backend call requires a valid token.

React Portfolio • *JavaScript, React.js, Materialized, HTML5, CSS3*
derekhernandez.vercel.app/

- Created a static React application that will display brief information about me, contact information, recent-projects and GitHub Repo links, using React components, along with NPM functions.
- The application utilizes Materialize CSS and other NPM libraries for functionality and style.
- Hosted and deployed on the Vercel website, according to Vercel standards and regulations.

Windows 95 Web App • *JavaScript, Handlebars.js, SQL, HTML5, React 95, CSS3, Express.js*
windows-95-uta.herokuapp.com/login

- A Full-Stack Web App visually based off of Windows 95. Using React 95 CSS files for styling.
- Configured backend routes and SQL database and connected to respective handlebars.
- Handlebars consisted of a desktop page, login page and custom-re-made games.
- Sequelized backend will store login credentials, notepad entries according to database modals.

Mars Rover Challenge • *Python, Git*
github.com/HernandezDerekJ/MarsRoverChallenge

- Tested the ability to access data from a text file and manipulate and object with that data.
- Takes a text file as argument and calculates the position of a rover on a defined plane.
- It will save the path that taken by the rover and return if each coordinate location is valid.

Work Experience

Academy Sports and Outdoors Round Rock, TX
Footwear Associate May 2016 - November 2016

- Efficiently work with team to organize merchandise and assist the customers' orders and requests.
- Update database with current stock, prices and sales. Generate price tags for shoes.
- Commended by management for communicating clearly and efficiently with customers and team.

Round Rock ISD Round Rock, TX
Maintenance May 2014 - August 2014

- Repaired broken or damaged furniture either alone or with a partner
- Delivered new or repaired furniture to desired school within School District
- Update schools' catalog of available furniture (desks, chairs, boards, carts).