

Jorge Alberto Mendoza II

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EDUCATION

University of North Texas at Dallas

Dallas, Texas

Bachelor of Science in Information Technology

August, 2019 – June 2022

- **Relevant Coursework:** Data Structures and Algorithms, Database Administration, Web Development, Software Engineering Principles, Human Computing Interfaces, Computer Security, Computer Networking

Work Experience

Dallas Independent School District

Dallas, Texas

Campus Based Desktop Support Technician, IT Client Support

May 2021 – Present

- Examined, troubleshooted, and resolved student and teacher device technical issues to ensure that teaching and learning could continue efficiently
- Managed multiple elementary, middle, and high-school campuses and communicated with administrators daily to create a productive learning environment
- Assisted the mobile device management team by configuring and deploying devices to campuses and confirming that devices were prepared for learning and teaching usage

Wesley Rankin Community Center (AmeriCorps)

Dallas, Texas

Education Assistant

September 2020 – April 2021

- Prepared and distributed food and supplies to families in need on a weekly basis, logged distribution data to confirm that the proper number of supplies were being ordered to support the program.
- Managed an online program that provided homework assistance and extracurricular activities to students in the program, ensured that students did not fall behind in their studies

Projects

Full-Stack Entertainment Web Application

React, TypeScript, Styled-Components, React-Router (V6), GraphQL, MongoDB, Cypress, JSON Tokens

- Created a full-stack web application where users can log in, view content, and bookmark content to be viewed later
- Researched the react-router library to implement seamless page navigation in a react application with navigation context and error-handling
- Generated integration test for the client and server side to ensure that the application can be deployed with confidence

Weather Web Application

React, TypeScript, Styled-Components, React-Query, Cypress, Vercel-CLI

- Developed a React application where users can search by city name and retrieve the current weather and five-day forecast
- Implemented a Vercel serverless function to act as a proxy for the API to secure the private API key from the client

Markdown Editor

React, TypeScript, Redux, Cypress, Styled-Components

- Created an in-browser markdown editor that displayed rendered markdown in real-time as a file is modified.
- Implemented state management with Redux using the Redux-Toolkit to update application state efficiently and performantly.

Technical Skills

Programming Skills:

JavaScript (ES6), HTML, CSS, GraphQL

Libraries & Frameworks:

React, Node JS, Next JS, Styled Components, TypeScript, SCSS, Redux

Tools & Platforms:

Git, Docker, MongoDB, Webpack, Vercel, ESLint, Vite, Jest, Cypress, Vitest