

Alex Canales

Indianapolis, IN 46234 | Fort Worth, TX 76109

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<https://github.com/acanales3> | alex-canales.vercel.app

EDUCATION

Texas Christian University

Bachelor of Science in Computer Science

Major GPA: 4.0

Fort Worth, TX

May 2026

Overall GPA: 3.95

TECHNICAL SKILLS

Languages: Java, HTML, CSS, Javascript, Python, Typescript

Operating Environments/Developer Tools: Linux, Eclipse, Visual Studio Code

Technologies/Frameworks: ReactJS, TailwindCSS, NextJS, Vercel, Bootstrap, MongoDB, NodeJS, Postman

PROJECTS

Pokémon Finder | Typescript, NextJS, ReactJS, Tailwind CSS, shadcn/ui December 2023 – January 2024

- Created an application that utilizes PokeAPI to analyze Pokémon data, enhancing API implementation skills using NextJS file-based routing.

Notes App | Typescript, MongoDB Atlas, ExpressJS, ReactJS, NodeJS, Postman December 2023 – January 2024

- Developed a full-stack notes application using the MERN stack with the Bootstrap library for seamless UI
- User authentication with secure cookie-based sessions allowing for personalized note management
- Notes API testing using Postman for tracking of various status codes and comprehensive error checking

React Portfolio Website | alex-canales.vercel.app October 2023 - November 2023

- Developed a responsive personal portfolio using ReactJS, Typescript, and TailwindCSS
- Integrated the EmailJS API for easy to send emails from the client-side application
- Deployed the application through Vercel's Front-End Cloud to launch the personal portfolio

Xerox Sigma 9 Instructions | Java | *Texas Christian University*, Fort Worth, TX January 2023 - May 2023

- A Java application that allows for a user to decode and encode Sigma 9 Instructions
- Conversions for the project were outputs in decimal, binary, and hexadecimal.

Address Book Search | Java | *Texas Christian University*, Fort Worth, TX January 2023 - May 2023

- A Java application that uses binary search to access addresses using an address and index file.

Texas State Railroad | Java | *Texas Christian University*, Fort Worth, TX January 2023 - May 2023

- A Java program contained a server and second Java program that is a client
- The server provided communication of ticket costs of the Texas State Railroad to the client.

NON-TECHNICAL EXPERIENCE

Resident Assistant, *Texas Christian University*, Fort Worth, TX August 2023 - Present

- Taking on a position of leadership and responsibility over a group of 31 residents
- Learning skills like effective communication, problem solving, time management, and conflict resolution allowing me to be personable in dealing with other people in a work environment

Hardware Department Stocker, *Menards*, Avon, IN March 2021 - August 2022

- Worked in a collaborative team environment providing in-depth knowledge with products sold in the store.
- Resolved conflicts customers had with other team members using problem solving skills.

RELEVANT COURSEWORK

Techniques in Programming

Unix/Linux System Administration

Linear Algebra

Data Structures

Discrete Mathematics I

HONORS, MEMBERSHIPS, AND ACTIVITIES

TCU College Science and Engineering Dean's Honors List Fall 2022 and Spring 2023 Semester

TCU Scholar

Head for multiple intramural sport teams for the school's dormitories

August 2023 – Present

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