Elizabeth DeLaRosa

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Objective : Motivated Computer Science graduate with a strong technical skill set and experience in web application development. Seeking a software engineer role to contribute my expertise in Flask, Postgres Database, and Rest API, while driving innovation and delivering exceptional results.

EDUCATION

Texas State University   May 2023
Bachelor of Art in Computer Science, Cum Laude   San Marcos, TX
Relevant Coursework:

Data Structures & Algorithms	Object-Oriented Programming	Software Engineering
Computer Architecture	Internet Software Development	Human Factors
Computer Systems Fundamentals	Fundamental of Algorithm Design and Analysis	

Projects

Scripture Search Web Application Developer   April 2023 - Present
https://bibleapp.fly.dev/login

- Created and collaborated on a website using Flask, Postgres Database, and Rest API.
- Implemented user registration and login features for accessing the site's search functionalities, allowing users to look up a specific word from the King James Bible.
- Ensured efficient and effective functionality of the site by utilizing technical expertise in Flask, Postgres Database, and Rest API.
- Currently working on integrating additional features to the website, including the ability to search for a specific verse and access different versions of the Bible.
- Hone my proficiency in web application development and deliver exceptional results.

Capstone Project
Repository : https://github.com/lizzard2003/CapstoneProject.git   May 2023- Present

- Developed a comprehensive Capstone Project as part of my undergraduate studies, focusing on designing and building a user-friendly library of books.
- Utilized my knowledge of JavaScript for the backend functionality, while leveraging CSS, HTML, and React for the front-end interface.
- Implemented UX techniques to enhance user experience, including careful consideration of font size, color schemes, and background colors.
- Employed MongoDB as the database solution to efficiently store and manage the library's book collection.
- The database can be accessed through both Compass, a local host option, and Atlas, a cloud-based hosting platform.

TECHNICAL SKILLS

Languages: C++, Python, Java
Other Frameworks & Technologies: Mongoose, AWS, MySQL, Linux, Swift

HONORS & DISTINCTIONS

Dean's List (Spring 2022): Awarded to students with above a 3.5 GPA in a given semester.
Certifications: AWS- Cloud Practitioner Essentials, CodePath- Intro to Software Engineering, IEEE- Critical Thinking for Engineers