**Luke Tran**

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**EDUCATION**

* **Bachelor of Science in Computer Information Systems**   
  University of Houston | Houston, TX | May 2023
* **Courses:** Information Systems Analysis & Design, Database Management, Advanced Information Systems Development, Database Administration & Implementation, Enterprise Application Development

**SKILLS**

* Proficiency with programming languages such as **JavaScript, Python, HTML, and CSS.**
* Experience with web development frameworks such as **React, Express, and Flask.**
* Able to work with databases and SQL with experience in **MySQL and MongoDB**.
* Knowledge of REST API principles and experience working with **HTTP methods such as** **GET, POST, PUT, DELETE.**
* Familiarity with front-end libraries such as **Bootstrap and Tailwind CSS.**

**PROJECT EXPERIENCE**

***Application Design & Development for Barbershop Client,* Spring 2023**

* **Designed and developed a scheduling website for a local barbershop** that used Express and Flask frameworks for the frontend and backend.
* **Implemented a MySQL database hosted on AWS** that would store customer, employee, appointment, and service data, and make use of CRUD operations to manage this data.
* **Wrote APIs and created endpoints** that would request information from the MySQL database allowing dynamic content for the webpages of the application.
* **Built a modern UI for the website using Bootstrap** that allowed users to easily navigate the website to find where to schedule, cancel, or manage their appointments.

***Personal Portfolio Website,* Fall 2022 – Spring 2023**

* **Built a personal website using the React framework** that showcases my skills and other projects related to web development.
* **Designed a clean and modern user interface using Tailwind CSS** that was optimized for different screen sizes and devices.
* **Implemented libraries such as React Scroll and React Router** allowing for smooth scrolling and navigation between different components of the website.
* **Developed a contact form that makes use of the EmailJs library** allowing users to submit inquiries directly to my email address.
* **Utilized the React Toastify library** to display notifications and alerts that provided clear feedback to the user after submitting the contact form.

***Business Analyst and Database Design*, Fall 2021 – Spring 2022**

* **Analyzed sample data, developed reports, and researched previous business methods** to create a discharge summary report using user input from two different user documents.
* **Participated in regular meetings with the project client** to discuss and understand business goals and the needs of the client to design the project to better fit their needs.
* **Created SQL Database** and wrote scripts in MySQL Workbench to create tables and insert data into those tables based on user input documents provided to us by the project client.
* **Separated and organized user data into groups of entities and attributes** to assign parts of data from the user input documents into tables and find the best attribute to be the Primary and Foreign Keys of the tables.
* **Created Entity Relationship Diagrams based on business methods** to have a visual that depicts the movement of data between entities during business operations.

**CLIENT SERVICE EXPERIENCE**

***Associate at CINCO Fit Gym,* Dec 2022 - present**

* **Developed communication and interpersonal skills** byresponding to customer questions and needs in an effective and timely manner through emails, text, and in-person interactions.
* **Gained skills in multitasking and the ability to manage and prioritize** multiple responsibilities of the gym such as managing customer inquiries, maintaining gym facilities, and scheduling appointments.