LAURENCIA ANZELA

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EDUCATION

Collin College   Associates of Science, Computer Science   2023
GPA: 4

University of Texas Arlington   Bachelor of Science, Computer Science   Expected 2025
GPA: 4

Honors: College President's List (4 Semesters)
Certificate: Computer Science & Information Technology
Developer Tools: Git, Visual Studio Code, IntelliJ, Brackets, Apache NetBeans
Languages: C++, C, Java, HTML, JavaScript, CSS, Excel

PROJECTS

To-Do List - https://github.com/lanzela/To-Do-List
- Developed a web-based to-do list application, using HTML, CSS, and JavaScript.
- Allow users to add tasks with a button or pressing the "Enter" key, enable users to mark tasks as completed with a single click, and implemented data persistence utilizing browser local storage for uninterrupted access to tasks.

Quote Generator - https://github.com/lanzela/Quote-Generator
- Created a web application for generating random quotes using HTML, CSS, and JavaScript.
- Fetch and display random quotes from Quotable API, implemented copy-to-clipboard feature, enabled users to tweet the quote on X, and utilized speech synthesis.

QR Code Generator - https://github.com/lanzela/QR-Code-Generator
- A web based QR Code Generator that uses the GoQR.me API to generate QR codes
- Developed with HTML, styled with CSS, and dynamic functionalities added with JavaScript

Personal Website - https://github.com/lanzela/My-Website
- Conceptualized, designed, and implemented a dynamic personal website using HTML and CSS, showcasing my skills, education, experience, and project portfolio.
- Integrated a secure contact form utilizing the Google Forms API, allowing visitors to send messages directly, and incorporated social media links for seamless networking.

RELEVANT COURSEWORK

CSE 3320 - Operating Systems
University of Texas at Arlington – Texas
Explores the fundamentals of computer operating systems, including process structure and synchronization, interprocess communication, concurrency and parallelism with threads, virtual memory, resource allocation, file systems, security, and distributed systems.

CSE 3318 - Algorithm
University of Texas at Arlington – Texas
Explores classic approaches to algorithm design - decomposition, dynamic programming, and greedy methods, understand basic algorithm analysis concept by applying math skills to worst-case and expected time using recurrences and asymptotic notation..

LEADERSHIP EXPERIENCE & ACTIVITIES

Little Teacher - *Volunteer*   August 2019 – March 2020
- Guided elementary and middle school students through engaging educational activities.
- Coordinated and executed mathematics lesson plans while supervising teaching sessions.
- Held a position of responsibility as a role model, leading students towards a promising and successful future.

Sunday School - *Volunteer*   June 2018 – March 2020
- Lead kindergarten and elementary School in educational activities.
- Organize age-appropriate and adaptive lesson plans and oversee the teaching of the children.
- Plan and execute fundraising events.

ADDITIONAL INFORMATION

Work Eligibility: Eligible to work in the U.S. with visa restrictions.
Interests: Basketball, Fantasy Premiere League, Software Developer, UI Design