

Crystal Momie

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SKILLS

Programming Languages: HTML | CSS | JavaScript | Python

Frameworks: NodeJS | Express | Django

Databases: REACT | Bootstrap | MongoDB | SQL

SOFTWARE ENGINEERING PROJECTS

Software Engineering Immersive | General Assembly | Remote

June 2022 - December 2022

Successfully completed 500+ hours of expert-led instruction in Software Engineering and hands-on learning of Full Stack Engineering fundamentals of the industry's most in-demand technologies. Developed projects include:

- Pacman Maze: Built with HTML, CSS, and JavaScript with characters, a legend, and 2d game board that includes a timer, a play button, and two ways to control movement.
- One Quote at a Time: Developed an interactive React application that includes data from a third-party API, models, components, and SQL databases that allows users to collect motivational quotes daily.
- VolunTiers: Collaborated to create an application using MERN stack methodologies that tracks volunteer hours and offers volunteer opportunities.

PROFESSIONAL EXPERIENCE

Houston Independent School District

December 2021 - Present

Data Specialist, Houston, Texas

- Provides technical consultation and manages employee and administrator training over software applications for 4 campuses over a period of 12 months offering continuous guidance and mentorship on best practices while providing constructive feedback.
- Updates the data website utilizing backend software with the most up to date data, assessments, and compliance resources for more than 27, 000 members.
- Responds to campus requests for data-based solutions with cloud storage systems including OneDrive and SharePoint to increase accessibility by 100% for 4 administrators and their employees.
- Builds technological capacity to meet goals by creating software onboarding education and product support, which led to 90% data tracking increase by all employees.
- Performs analysis of campus performance based on data reports to assist leaders with forecasting.

Beatrice Mayes Institute

January 2013 - December 2021

Teacher, Houston, Texas

- Designed and implemented an engaging after school program for a public school system to improve learning outcomes for 95 students over a 12 month period.
- Managed distant learning software programs remotely while managing students, meetings with parents, and administrators while maintaining a set schedule via Microsoft Teams, SharePoint, and Google Classroom.
- Assessed student performance data and provided one-to-one consultation when necessary, leading to 65% growth in academic performance over a period of 12 months.

EDUCATION

Lamar University, Beaumont, Texas

(MBA) in Management Information Systems

Graduation August 2023

General Assembly, Remote

Certificate, Software Engineering Immersive (SEI)

Graduation December 2022

Lamar University, Beaumont, Texas

(MeD) in Counseling

Graduation December 2021

Prairie View A&M University, Prairie View, Texas

(BS) in Interdisciplinary Studies

Graduation December 2005