Mohamed Daffaallah

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Education

Bachelor of Arts - Computer Science - *University of Missouri, Kansas City*

May 2018 - May 2023   Grade Point Average (GPA) - 3.45

Awards

School of Computing and Engineering Dean's List

- 2021 Spring Semester, 2022 Fall Semester, and 2023 Spring Semester

Technical Skills

Languages: Python, C#, C++, SQL, HTML/CSS, JavaScript, XAML

Frameworks: Flask, jQuery, React.js, Node.js, Bootstrap

Developer Tools: Git, Azure, Github, Visual Studio, VS Code

Projects

Commerce Bank Web Application | Javascript, HTML, CSS, BootStrap, Python, Flask, SQL, Git

- Developed a Commerce Bank Online Banking System as part of an Agile Scrum team.
- Developed user-friendly login, home, transactions, and contact us pages by seamlessly integrating front-end elements with a Flask API connected to a SQL database.
- Actively participated in Agile Scrum meetings and sprint planning, contributing to the successful and timely completion of the project.

Currency Converter Application | C#, XAML, SQL, JSON

- Developed a WPF Currency Converter application using C# for backend logic and XAML for the frontend, providing an intuitive user interface.
- Integrated a JSON-based API to fetch real-time currency exchange rates, storing the data efficiently in a local SQL database for accurate and timely conversions.
- Conducted end-to-end responsibilities, including feature enhancement, and comprehensive testing for seamless application use.

To-Do List Application | C#, XAML, SQL, ADO.NET

- Developed a secure Todo List application in WPF with user authentication and password hashing.
- Established seamless integration with a SQL Server database, utilizing ADO.NET for efficient data access.
- Designed a responsive and user-friendly WPF interface for efficient task creation, editing, and deletion.

Space Shooter Game | Python, Pygame

- Developed a 2D space shooter game using Python and Pygame.
- Implemented player movement, bullet mechanics, collision detection, and health management.
- Designed custom graphics and sound effects to enhance the game's visual and auditory experience.

Portfolio Website | HTML, CSS, Bootstrap, Azure Static Web Apps, GitHub

- Created and deployed a personal portfolio website using HTML, CSS, and Bootstrap.
- Utilized Azure Static Web Apps for deployment, ensuring a seamless and reliable hosting solution.
- Managed the source code on GitHub for version control and collaborative development.

Work Experience

Community Tech Support - Islamic Center of North Kansas City

- Assisted community members with computer setup, addressing bugs, and explaining simple mechanics.
- Demonstrated effective communication and problem-solving skills while interacting with diverse users.
- Provided patient and friendly guidance for troubleshooting common computer issues.

Guest Service Associate/Supervisor - SP Plus Corporation

- Served as a GSA/Supervisor at the Weston, Sheraton, and Hotel Indigo
- Greeted and welcomed guests with a warm, friendly, and positive attitude.
- Served as a valet and bellman for the hotel.