

# Mohamed B 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

**Back-End** - Python, C#/.NET, Flask  
MySQL

**Front-End** - HTML, CSS, Javascript, XAML, Bootstrap

**Database** -

## Projects

**Commerce Bank Online Banking System** | Javascript, HTML, CSS, Bootstrap, Python, Flask, SQL, Git

- Developed a Commerce Bank's 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. Scrum meetings and sprint planning, contributing to the project's successful completion on schedule.

**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.
- Conducted thorough unit and integration testing, providing clear code documentation and user guides for ease of use and future development.

**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.

## 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.