McKay Reed Moore

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**SKILLS**

| * Backend Programming in C# & Python * Web Apps in .NET Framework * MVC in Django Framework | * Custom UIs in HTML & CSS * Interactive UI elements in JavaScript * Microsoft SQL server & SQLite databases |
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**Other skills include:** ASP, ASP.NET, Entity Framework, .NET Core, SQLite, SQLite3, Tkinter, WPF, Visual Studio 2019, Visual Studio 2022, Visual Studio Code, PyCharm, Git, GitHub Desktop, Scrum, Agile, Azure, GitHub, Powershell, and Linux Command Line.

**PROJECTS**

**Theater Vertigo.**

* Created CRUD pages used for managing item rentals for a performing arts company with C# in the .NET framework and implemented entity objects using a code-first methodology.
* Modified and implemented styling changes to increase readability and visibility for the UI experience.
* Implemented a byte array conversion method to allow for database photo storage and retrieval.

**Blackjack C# Console App.**

* Created a fully functional blackjack console application that includes a deck builder constructor, a deck shuffling method, and player and dealer classes.
* Game allows for bets and actively tracks both dealer and player hands and calculates respective hand values to determine the winner through rule logic.

**Personal Website.**

* Created a personal website using HTML, CSS, and JavaScript.
* Utilizes z-index and positioning properties to allow a video to remain fixed playing on loop in the background.
* Website connects to formspree email redirection service to enable contact form submissions to be sent to my personal email.
* Link here: [mckayreedmoore.github.io](https://mckayreedmoore.github.io/)

**WORK EXPERIENCE**

**Software Developer Internship.** Prosper IT Consulting. *2022.*

* Created CRUD pages used for managing item rentals for a performing arts company with C# in the .NET framework and implemented entity objects using a code-first methodology.
* Modified and implemented styling changes to increase readability and visibility for the UI experience.
* Implemented a byte array conversion method to allow for database photo storage and retrieval.

**Teachers Assistant/Tutor.** Brigham Young University - Idaho. *August 2019 - July 2021.*

* Developed ability to complete a project while having a flexible timetable and maintaining a high level of communication.

**Manager.** McDonald’s. *March 2019 - August 2020.*

* Implemented a technical solution for performance accounting that dramatically increased the effectiveness of performance reviews.
* Identified problems and implemented creative solutions to overcome inefficiencies in at least three specific areas.
* Developed leadership skills and learned how to solve problems and coordinate in chaotic situations.

**Missionary.** The Church of Jesus Christ of Latter-Day Saints. *March 2017 - 2019.*

* Served in various leadership positions that include District and Zone Leader, Assistant to the President, and Trainer.
* Developed leadership and interpersonal skills.
* Improved methods of communicating goals and progress.

**Early Jobs.**

* Showed responsibility at a young age as a deliverer of newspapers, as a door-to-door lawn care sales person, a dishwasher for a local restaurant, farm truck driver, and farm hand.

**EDUCATION**

**The Tech Academy.** *December 2021 - May 2022.*

Full-Stack Software Engineer Program. Graduated with Honors.

**Brigham Young University - Idaho.** *April 2019 - July 2021.*

Bachelor of Science, Psychology, 3.7 GPA