

Contact Information

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GitHub: <https://github.com/jmcgi82>

Skills

Programming Languages: Java – Over 50,000 Lines | Python | C++ | HTML | CSS | TypeScript | JavaScript | Ruby | JSON

Frameworks: Spring | .NET | Angular | Ruby on Rails

Database: MySQL | Postgres SQL | ESQL | MongoDB

Experience

Darden, Warner Robins, GA | Restaurant Manager
11/2020 – Present

- Orchestrated a transformative shift in company culture, fostering an inclusive work environment that resulted in a remarkable reduction in turnover from a staggering 130% to an exceptional 20%.
- Implemented rigorous performance standards, delivering flawless training sessions, and fostering a culture of excellence, resulting in a remarkable turnaround of customer satisfaction ratings from 67% to 94%, securing the top position in the region and enhancing brand perception.

Tacala, Chickamauga, GA | General Manager
02/19 – 10/20

FIRST, Rossville, GA | Team Mentor

08/15 – 05/19

- Developed a strong national competition team to compete and improve to the top 10% in the nation from the bottom 10%. Encouraged and fostered teams to develop highly technical and efficient robot designs.

Walker Country Schools, Rossville, GA | Teaching Assistant

08/15– 05/19

- Instructed and supported a rotating class of 30 to 35 middle school students in mark-up and scripting languages.
- Supported students during the development of an application using 10 – 12 sprites for a final project.

Education

- BS in Computer Science
Western Governors University
2023
Hall of Excellence
GPA 3.0

Projects

- Grocery Application:
 - Lead Engineer and Architect for Grocery Application 2.0, a mobile and web application that is not yet public that uses an OLS algorithm to track preferences, generate non-repetitive meals, and create a grocery list while keeping track of probable items to be found in the pantry already.
 - <https://github.com/jmcgi82/Grocery-App>
- Symmetric Encryption – Java
 - Sole Engineer in a practical application of Symmetric Encryption. The program used one polynomial formula to encrypt and decrypt each character within a variable-length string. The string could only be decrypted if the user knew the formula.
- Wedding Web App
 - Sole Engineer and Architect for wedding website commissions. A custom web app with responsive design in mind. The website operated through 20-40 visits per hour at peak. The project pipeline is no longer deployed, but the front end can still be found at <https://e-wedding-3f5ef616ad28.herokuapp.com/>
 - <https://github.com/jmcgi82/wedding>
- Capstone Project
 - Sole Engineer and Architect for Capstone Project at WGU. The project used machine learning to make predictions and suggestions for sale prices per shot for liquor using alcohol content and preferred profit margins, the project maintains 100% accuracy.
 - <https://github.com/jmcgi82/Machine-Learning>

Certifications

- ITIL Certifications | Industry IT specialist certification | October 23

- Linux Essentials Certification | Linux Administration Introduction | November 2023