Zachary McGill

Software Developer

📞 814-572-7101   ✉ zacharymcgill07@gmail.com   💬 Zmcgill7   🖥 zmcgill7.github.io (Portfolio Site)

SUMMARY

Highly motivated software developer with proficiency in analytical thinking and a passion for creating and collaborating. Fully committed to lifelong learning and growth, demonstrated by achieving a perfect grade point average while actively self-teaching additional areas of web and desktop development. Quick learner who is devoted to providing excellence and is looking for a company to start and grow my career alongside.

TECHNICAL EXPERIENCE

For more project information, visit my portfolio in the header.

- **RecipeMaster**: This is a website project that uses html and CSS for the front end and Django for the backend. Features include a database of 2 million recipes, search modes to find recipes, a pantry system, saved recipes, and text autocompletion for inputting ingredients.
- **WordleSolver:** Desktop application made with C++ in one day that uses information theory to suggest optimal guesses. Additionally, implemented a GUI in this time frame including set up and reading documentation using WxWidgets on my first attempt. This project showcases my rapid learning ability and adaptability to new frameworks.
- **LeetCode:** Currently, I have completed 77 LeetCode problems including 6 hard questions, 37 medium questions, and 34 easy. I began LeetCode a month ago and plan to continue practicing until graduation to improve my technical abilities.

EDUCATION

Ivy Tech

2022-2024

Associate of Computer Science
Honorary Title: Summa Cum Laude
GPA: 4.0/4.0

Purdue Fort Wayne

2024-2025

Pursuing Bachelor of Computer Science
GPA: undetermined

SOFT SKILL EXPERIENCE

Customer Service Associate, Retail Store
2019-2021

As a customer service associate, I was able to:

- Build a strong foundation in interpersonal soft skills.
- Practice deescalating situations.
- Learn the value of going above and beyond for the customer.
- Secure many 5-star reviews although rare for someone in my position.

Server, Restaurant/Bar
2021-2024

As a server, I was able to:

- Get comfortable and excel in high pressure situations.
- Practice appearing calm while internally creating plans of action during high stress situations.
- Develop sharp critical thinking and problem-solving skills while prioritizing customer needs.

TECHNICAL SKILLS

Current Skills	Actively Learning
- C++	- React
- Python	- Next.js
- HTML	- Java
- CSS	- Java Script
- Git/GitHub	- Postgres
- MySQL Queries	- C#
- Framework Experience	
- Database Design	

INTERESTED IN PURSUING

As a motivated and adaptable Computer Science student, I also have interest in pursuing the following:

- **Data Science**: Although I have not dedicated the same resources to this concentration. Given the chance I would work hard to achieve results.
- **Machine Learning**: I attempted to pursue self-education in this concentration using Stanford's free lectures, but I didn't have the math background for the algorithms yet.