Matthew Rallo

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Summary

Aspiring full Full Stack Web Developer with a solid foundation in Computer Science education and a relentless drive to continually expand knowledge. Proficient in problem-solving and effective communication to achieve objectives efficiently. Renowned for a robust work ethic and adeptness in adapting to diverse situations with ease.

Technical Skills

Languages: Javascript, HTML5, CSS, SQL, C, C++, Java,
Tools: VSCode, Gitbash, Github, Git, Heroku, MySQL, Node js, React js
Operating Systems: Windows, MacOS, Linux

Projects

Book-Off
- Group project that utilized the MVC framework. It's a web application that uses an online API to search for books. Mysql2 is used to store user data and display results accordingly.
- My responsibilities were the backend Javascript code that made the API calls and displayed the correct results by changing the DOM elements. I also coded the controllers to make GET and POST requests .
- Code Used: Javascript, HTML5, CSS
- Javascript Libraries Used: Bcrypt, Express, Handlebars, Sequelize, Heroku

A Pretty Strange Game
- A Javascript project that I coded that moves two dots around on a grid until one reaches its destination.
- My responsibilities were to code in Javascript and figure out the logic to move the dots around on the grid.
- Code Used: Javascript, HTML5, CSS
- GitHub: https://github.com/ralloMatt/CMPSCI_4500_HW3/tree/master
- Deployed Link: https://rallomatt.github.io/Portfolio/strangeGame.html

Minesweeper
- A Java project that I coded that is basically the game Minesweeper. A user clicks on a location to see if there may or may not be a mine. If there is a mine you lose. You can also view where the mines are located.
- Code Used: Java
- Github: https://github.com/ralloMatt/CMPSCI_2261_P6
- Video: https://www.youtube.com/watch?v=mwOmtl85fHU

Education

Full Stack Web Development Certificate: Washington University, St. Louis, MO
A rigorous 6-month intensive program designed to cultivate expertise as a full stack web developer. Acquired proficiency in HTML5, CSS, Javascript, Git, Jquery, Bootstrap, Node.js, MySQL, MongoDB, Express, Handlebars.js, and ReactJS.
Earned certificate March 2024.

Bachelor of Science, Computer Science: University of Missouri St. Louis, MO
Explored computer architecture, programming, and data structures. Mastered object-oriented programming and working in a Linux environment. Developed my skills in full stack web development, as well as a wide variety of programming languages. Analyzed algorithms and studied operating systems. Also software professionalism.

Additional Experiences

Mixing Technician   2021 - Present
Cosmos Corporation   St. Peters, MO
- Working with a team to produce quality products by deadlines.
- Use software applications to mix and add ingredients to batches of shampoo or solutions being made.
- Be able to problem solve issues that may come up as well as multitask between jobs.
- Train new employees about processes used and lead on job orders.

Bottling Technician   2020- 2021
Cosmos Corporation   St. Peters, MO
- Worked with a team to bottle products as needed.
- Operated and changed machinery depending on the product being bottled.
- Acting Team Lead for three months in which I closed out jobs, managed changeovers, and made sure the line ran efficiently.