

# HAILEY HUGHES

Blue Springs, MO

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## SUMMARY

Results-driven Full Stack software developer with a strong foundation in coding. After ten years as a math educator, I am seeking opportunities in software development. My objective is to leverage my adaptable nature, collaborative mindset, critical thinking abilities, resilience, and attention to detail, along with my technical skills, to make meaningful contributions in the development of innovative software solutions. I am committed to continuously expanding my knowledge in emerging technologies to stay at the forefront of the industry.

## TECHNICAL SKILLS

Proficient in JavaScript, utilizing it to develop interactive and dynamic web applications.

Experienced in Node.js, leveraging its runtime environment for scalable and efficient server-side development.

Skilled in HTML5 and CSS, creating well-structured and visually appealing web pages.

Proficient in Bootstrap, utilizing its responsive design framework to build mobile-friendly and cross-browser compatible websites.

Knowledgeable in jQuery, implementing powerful and interactive client-side scripting for enhanced user experiences.

Experienced in working with MySQL databases, employing it for efficient data storage and retrieval in web applications.

Well-versed in user experience design principles, ensuring intuitive and user-friendly interfaces.

Strong problem-solving skills, adept at analyzing complex issues and finding effective solutions.

Conducted thorough code reviews, ensuring high-quality standards and identifying areas for improvement.

Familiar with NoSQL databases, particularly MongoDB, for flexible and scalable data management.

Additionally, experienced in developing Progressive Web Applications (PWAs) and utilizing the MERN (MongoDB, Express.js, React, Node.js) stack for full-stack web development.

## PROJECTS

### **Wining and Dining | <https://github.com/haileyraehughes89> <https://rtm713.github.io/WiningAndDining/>**

- Dynamic food API that enhances the culinary experience by enabling users to discover recipes tailored to their available ingredients. Leveraging the power of two integrated APIs, the platform not only suggests delectable dishes but also offers a delightful twist by suggesting cocktail pairings for a complete and personalized dining experience.
- Developed, managed and optimized the food API and JavaScript functionalities, elevating user convenience and experience through seamless recipe searches and cocktail pairings.
- This project was collaboratively built using JavaScript to build core functionalities and HTML and CSS to build the user interface. The backend leveraged the powerful Food API from Spoonacular and the Drinks API from TheCocktailDB. The development process was facilitated through the use of VS Code and GitHub for version control and collaboration. It is essential to note that the website's purpose was strictly for educational use.

## EXPERIENCE

### **Department Coordinator**

#### **Shawnee Mission School District | Shawnee Mission, KS | 2019 – 2022**

Collaborated with cross-functional teams, including administrators and stakeholders, to streamline logistical processes and enhance instructional strategies.

Demonstrated financial acumen by successfully managing budget allocations, optimizing resource utilization, and making informed purchasing decisions.

Led the onboarding and retention efforts for new hires, facilitating a smooth transition and fostering a cohesive team environment.

Employed a collaborative approach by delegating logistical responsibilities to team members, fostering shared decision-making and accountability.

Utilized data analysis and presentation skills to effectively advocate for increased budget allocation, resulting in a significant doubling of available funds for the math department.

### **Secondary Mathematics Educator**

#### **Shawnee Mission School District | Shawnee Mission, KS | 2018 – 2023**

Ensured meticulous record-keeping and compliance with regulations, demonstrating strong attention to detail and adherence to established protocols.

Employed diverse instructional strategies to cater to the unique needs of students, fostering inclusive learning environments and promoting student engagement.

Utilized various technologies and online learning tools to enhance student learning outcomes, showcasing adaptability and proficiency in leveraging digital resources.

Sequenced and correlated curriculum objectives and math topics to optimize student comprehension and mastery of key concepts, displaying strong organizational skills and strategic thinking.

Implemented a blended instructional approach encompassing traditional, modern, and technology-based methods, illustrating flexibility and proficiency in utilizing diverse teaching methodologies.

Demonstrated proactive problem-solving abilities and sound judgment when faced with challenges, exhibiting initiative and resourcefulness to overcome obstacles.

Volunteered to take on additional tasks and responsibilities, exemplifying a strong work ethic, dedication, and a willingness to go above and beyond to meet deadlines and project requirements.

Fostered positive collaboration with peers and staff members, cultivating a supportive and cooperative work environment conducive to effective teamwork and mutual growth.

Played an integral role in planning professional development initiatives to prepare teachers for online learning, highlighting leadership skills and a commitment to continuous learning.

Provided training to teachers on the effective use of technology for remote learning, showcasing expertise in technology integration and instructional support.

Led district-wide training sessions on Response to Intervention, demonstrating strong presentation and facilitation skills and contributing to overall educational improvement efforts.

**Middle School Mathematics Educator****Washington Township | Indianapolis, IN | 2017 – 2018**

Collaborated within Professional Learning Communities to develop instructional plans based on backward design principles and data analysis, emphasizing a systematic and evidence-based approach.

Facilitated constructive discussions and conflict resolution within diverse viewpoints, fostering an inclusive and safe environment for teachers to share concerns, ask questions, and seek resolution.

Leveraged technology to facilitate interactive and inquiry-based learning experiences, enhancing student engagement and promoting hands-on exploration.

Led and coordinated regular team meetings, ensuring effective communication, alignment of goals, and optimal collaboration among team members.

Created, organized, and distributed team materials, demonstrating strong organizational skills and attention to detail in maintaining efficient workflows and ensuring timely access to necessary resources.

**Secondary School Mathematics Educator****Fort Bend Independent School District | Missouri City, TX | 2014 – 2016**

Established culture of learning to engage students in standards-based mathematics curriculum.

Coordinated support resources and activities to meet student needs.

Evaluated academic growth of students to prepare report cards and update records.

Improved class and individual academic performance, targeting individual weaknesses and implementing strategies to enhance learning.

Diversified instruction with traditional, modern and technology-based approaches

**EDUCATION****Full Stack Web Development Boot Camp Certificate:** University of Kansas ST

A 24-week intensive program focused on gaining technical programming skills in HTML5, CSS3, Javascript, JQuery, Bootstrap, Firebase, Node.js, MySQL, MongoDB, Express, Handelbars.js, and ReactJS. Program Summary optional

**Degree or Certification:** University of Kansas, Blue Springs, Mo

**University of Kansas State**

Completed: 2021

Master's Degree of Academic Leadership

**University of Kansas**

Completed: 2012

Bachelor of Arts Mathematics

**University of Kansas**

Completed: 2012

Bachelor of Arts Spanish

**Olathe East High School**

High School Diploma