

Yasir Qasemi

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EDUCATION

- Bachelor of Computer Science
- Bachelor of Electrical and Computer Engineering
- Minor in Business
- GPA: 3.545 / 4.0

Graduate 2023 - 2027

PROFILE

Motivated Computer Science and Electrical Engineering student with a strong passion for Cybersecurity and Embedded Systems , committed to developing secure, user-focused solutions through database design and programming. Currently pursuing a Business minor to enhance strategic thinking, aiming to drive innovation and create technologies that positively impact society.

SKILLS

Languages: C++ , C , SQL, HTML

Developer Tools: Git, VS Code, MySQL, Arduino, MongoDB

PROJECTS

Online KandyLand Game

- Developed an interactive multiplayer game with over 1,000 lines of object-oriented code to improve gameplay and user experience..
- Designed a colorful game board with randomized stores and candy-based abilities for dynamic and engaging play.

Demo Database

- Designed a database with over 8,000 entries, optimized for instant retrieval and precise querying.
- Utilized joins, subqueries, and indexing to streamline complex queries and enhance performance.
- Implemented efficient data structures and query optimization techniques to ensure fast access and accurate results.

Demo Hashing

- Built an efficient hashing program to enable rapid and secure data storage and retrieval.
- The program optimizes data access speeds while ensuring data integrity and security through robust hashing algorithms.

Electric Cornhole Game

- Designed and built a physical corn hole game from scratch within a tight timeframe, incorporating infrared sensors to detect successful throws.
- Integrated LED light patterns triggered by sensor detection for enhanced nighttime visibility and interactive gameplay.
- Developed an intuitive scoreboard system for easy score addition, subtraction, and complete game reset functionality.

WORK EXPERIENCE

Keene Market

Manager

2019 - Present

- Supervised and trained a team of cashiers to ensure efficient cash handling, excellent customer service, and strong teamwork.
- Managed shift schedules to optimize coverage, streamline daily operations, and reduce customer wait times.