

Jacob Kabbah

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EDUCATION

University of Mary-Hardin Baylor, Belton Tx

Bachelor of Science in Computer Science

Expected Graduation: May 2027

Relevant Coursework: Data Structures, Algorithms, Software Engineering, Web Development, Object-Oriented Programming, Computer Architecture

PROJECTS

Flappy Bird Clone — Python, Pygame

Developed a replica of the classic Flappy Bird game using Python and the Pygame library.

Implemented game mechanics including user input, collision detection, and score tracking.

Chatbot Application — Python, Natural Language Processing

Built an intelligent chatbot using Python and NLP techniques to understand and respond to user input.

Integrated simple AI to simulate human-like conversations for answering basic questions.

Personal Website — HTML, CSS, JavaScript

Designed and developed a personal website to showcase coding projects and skills.

Simple Calculator — C++

Programmed a simple, user-friendly calculator in C++ that supports basic operations such as addition, subtraction, multiplication, and division.

SKILLS

Programming Languages:

Java, Python, C++, C, HTML, CSS

Frameworks & Tools: Git, Visual Studio Code, Visual Studio

Databases: MySQL (basic)

Other: Problem-solving, Debugging, Software Design, Web Development, Game Development

LANGUAGES

HTML, CSS, Java, Python, and C++

EXPERIENCE

Computer Science Tutor

(September 2023 - May 2024)

Assisted students with coursework in data structures, algorithms, and programming languages.

Provided tutoring in Python, Java, and C++ to help peers understand concepts.

Basic Command-Line Calculator — C

Created a command-line-based calculator to practice C programming and improve understanding of control structures and user input.