Nicole Motta

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EDUCATION

Embry-Riddle Aeronautical University (ERAU)   Daytona Beach, FL
Bachelor of Science in Computer Science , Minor in   May 2027
Systems Engineering

Montessori British School (MBS)   Bogota, Colombia
High School Diploma   June 2023

PROJECT EXPERIENCE

EGR101 Stage 1 - Autonomous Mini-Ground Vehicle Development and Evaluation: Fall 2023 Design, development, and evaluation of an autonomous mini-ground vehicle. Managed communication between team and product owner. Focal point of internal communication between sub-teams. Utilized Arduino for hardware integrating of all sub-components.. Documented any flaws. Insured completion of project requirements

CS 223 #1 - Race Car Game: Developed a car racing game with Manual and Automatic modes. Used pointers and text files to store the car descriptions and the final score of the game.

Robotics #5 - Breakout Javascript Game: Developed a breakout game where the paddle is controlled by the arrow keys.

Robotics #4 - Autonomous Java Restaurant Menu: Developed a program consisting of programming in Java, utilizing both Source and Design programming. Displays a restaurant menu with vegan and non vegan options, calculates the price.

Robotics #3 - Pixies & Fixies Java Game: Java program using Source and Design programming, a four digit number is guessed, informing how many are right and if they are in the correct position or not until the number is guessed.

Robotics #2 - Autonomous Java Calculator: Virtual calculator that allows for sums, substractions, multiplications and divisions.

Robotics #1 - C++ Game Arcade: Game arcade with Tic Tac Toe and Battleship, where the user plays against the computer. It has a main menu, an option to play again or go to the menu once the game is over.

ICT #1 - HTML Web Pages: Web pages utilizing CSS programming to display, in an orderly manner, different information.

SKILLS

- **Languages:** *Spanish*: Native/Fluent, *English*: Fluent/B2, *French*: B2

- **Software:** Microsoft Office, Word, Microsoft Excel, Microsoft PowerPoint, Microsoft Access, Google Docs Google Sheets, Google Slides

- **Adobe:** Photoshop, Lightroom, Illustrator, Premier Pro, Dreamweaver

ORGANIZATIONS

- *Autonomous Maritime Robotics Association - Software Team (2023 - Present)*

- *Debate Club - Academic Director (2019-2023)*