Eduardo Mora

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**EDUCATION**

Grand River Preparatory High School Kentwood, MI

Class of 2020 Co-Salutatorian *May 2020*

GPA: 4.2 (UW), 3.8 (W)

University of Michigan, College of Engineering Ann Arbor, MI

B.S in Computer Science *December 2023*

Current GPA: 3.08

Relevant courses taken:

Programming and Intro Data Structures, Data Structures and Algorithms, Foundations of Computer Science, Intro to Computer Organization, Intro to Computer Security.

**PROJECTS**

**Maze Solver**

*Data Structures and Algorithms*

I implemented a program that takes as input a file with specific symbols in the in the form of a rectangular grid, where each symbol is interpreted as either an obstacle, open path, button that activate/deactivate other obstacles, start position, or end position. Output is a similar rectangular grid with solution path highlighted.

**Image Resizer**

*Programming and Intro Data Structures*

Takes as input an image and desired dimensions size and outputs image with desired input size. Seam carving algorithm is implemented to facilitate this process.

**Euchre**

*Programming and Intro Data Structures*

Command-line interface simulation game of the famous card game known as *Euchre.* Played with four players, which consists of any combination of human players and simple computer players.

**Rocket Space**

*Personal Project*

A simple video game I made in C++ using SFML library. User controls a rocket and collects items to purchase upgrades for said rocket. Includes one boss enemy.

**EXPERIENCE**

**Jet’s Pizza** **Wyoming, MI**

*Crew member* *July – November 2019*

As a crew member, I aided in the kitchen preparation of food for customers and helped regularly clean the kitchen. I also took and organized orders from customers both at the counter and from phone calls and facilitated payments for customers’ purchases.

**Lowe’s Home Improvement** **Kentwood, MI**

*Warehouse Associate* *July-August 2020*

As a Warehouse Associate, I mainly unloaded boxes of products from trucks at the back of the store. I also acted as a spotter for Hi-Lo drivers and occasionally help direct customers to their desired location for their prospective purchases.

**SKILLS**

Familiar with C++, C, Java, HTML/CSS/JavaScript, Python, SQL, MATLAB, Git/GitHub, Windows, Bash and Linux OS.

Fluent in English and Spanish.