Eduardo Mazuera

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Github: https://github.com/trexrush   LinkedIn: www.linkedin.com/in/edmazuera

EDUCATION:

Bachelor of Science in Computer Science | University of Texas at Dallas | Expected Graduation 2023
- Relevant Courses: Data Structures, UNIX, Computer Architecture, C++, Linear Algebra, Discrete Mathematics

SKILLS:

Proficient Programming Languages (Frameworks/Libraries):   Javascript (React, Three), Java, C++, C#

Languages: Native English, Native Spanish

Tools: Git, Unity, Adobe Premiere Pro, Photoshop, Animate, and After-Effects

PROJECTS:

Portfolio Website | **Github** | **Website**
- Developed a personal portfolio website using the React.js library ecosystem
- Designed a component-based 3D menu system with responsive animations and page routing with React Three Fiber

Truck Truck Moose | **Github** | **Web Game**
- Created an endless runner style game with the Unity game engine, coded in C#, with original sprites made in Photoshop
- Crafted custom UI elements and mixed in sound effects for the core gameplay loop
- Implemented game mechanics such as a health bar, 6+ unique NPC AIs, and a scoring system
- Ported game from Windows executable to WebGL, and fixed bugs in the port

ACTIVITIES:

Participant | **Github** | **HackUTD**   **Spring 2021**
- Built a website with HTML/CSS/Javascript running on Flask server with a team of 4 over a period of 24 hours
- Designed UI elements on the front-end and integrated APIs running on the back-end to display on the website

Participant | 2019 UTD Google Tech Challenge   **Fall 2019**
- Solved logical-thinking oriented problems for the Google Tech Challenge with a diverse team of 5
- Placed 8th in a field of 90+ teams

Robot Design Team | Botball Robotics Competition   **Fall 2016 - Summer 2017**
- Designed and built competition robots, working in a team to satisfy tasks such as collecting and sorting colored puffballs
- Placed 5th out of 30+ in Oklahoma Region

VOLUNTEER EXPERIENCE:

Event Organiser | DFW With A Twist 2019 Speedcubing Competition   **Spring 2019**
- Organized competition with 60+ participants and certified competition with a global competition governing body

Volunteer videographer | Standridge Stadium   **Fall 2018 - Spring 2019**
- Oversaw and managed various cameras during 10+ local football games
- Utilized news-casting software to display on stadium scoreboard jumbotron

ORGANIZATIONS:

Officer | UT Dallas Origami Club   **Spring 2020 - Spring 2021**
- Coordinated the semester plan for meeting topics and decided which instructors led weekly Origami folding demonstrations

Member | UT Dallas ACM Club   **Spring 2021 - Present**

Member | UT Dallas Student Game Developers Association   **Spring 2021 - Present**

HONORS AND AWARDS:

Graduated in top 5% of high school class of 467

Academic Excellence Scholar   National Hispanic Scholar   Farmers Branch Chamber Youth Leadership program