

# Eduardo Mazuera

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## 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

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## PROJECTS:

[Portfolio Website](#) | [Github](#) | [Website](#)

-Developed a personal portfolio website using HTML/CSS/Javascript

-Crafted a 3D menu system with multiple renderers and custom mouse movement mechanics with Three.js

[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

-Designed 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 logic 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

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## 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