

# Eduardo Mazuera

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## EDUCATION

Bachelor of Science in Computer Science | University of Texas at Dallas | GPA: 3.86 | Expected Graduation 2023

- Courses: Data Structures, UNIX, Computer Architecture, C++, Discrete Mathematics, Software Engineering

## SKILLS

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

Tools: Git, Unity, Adobe Creative Suite (Premiere Pro, Photoshop, Animate, After-Effects)

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## PROJECTS

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

Summer 2021

- Developed a personal portfolio website using the **React** library ecosystem to showcase projects and resume
- Set up a component-based 3D menu system with **responsive animations** and page routing with **react-three-fiber**

[Truck Truck Moose](#) | [Github](#) | [Web Game](#)

Spring 2018, Spring 2021

- Created an endless runner style game in the **Unity game engine**, coded in C# using **15+ unique scripts**
- Crafted **custom UI elements**, created **40+ original sprites** in Photoshop, and mixed in sound effects for 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 5+ bugs in the port

## EXPERIENCE

Hackathon | [Github](#) | [HackUTD](#)

Spring 2021

- Built a simple **3-page application** with HTML, CSS, and Javascript running on a **Flask server** and hosted on **Heroku**
- Cooperated with a team of 4 in a 24 hour **Hackathon environment** to deploy a website based on a series of challenges
- **Integrated the eBay Search engine API** to display user-inputted search results on UI elements on the front-end

React Course | [Github](#) | [Codubee](#)

Summer 2021

- Collaborated in an **Agile** team to create a web-based application with a React frontend for training math skills
- Utilized **Axios** to make **6 API calls to 3 endpoints** in a NodeJS server to a **cloud-deployed** database in the backend

Participant | **2019 UTD Google Tech Challenge**

Fall 2019

- Worked with a team of 5 to solve logical-thinking oriented problems for the Google Tech Challenge
- **Placed 8th** in a field of 90+ teams

Robot Design Team | **Botball Robotics Competition**

Fall 2016 - Summer 2017

- Constructed **competition robots**, working in a team to satisfy tasks such as collecting and sorting colored puffballs
- **Placed 5th** out of 30+ in Oklahoma Region

## ORGANIZATIONS

Officer | UT Dallas ACM

Fall 2021 - Present

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
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## HONORS AND AWARDS

- Graduated in top 5% of high school class of 467
- Academic Excellence Scholar - Full Tuition Scholarship with 1000\$ Stipend
- National Hispanic Scholar
- Farmers Branch Chamber Youth Leadership program