

Aldo Leon Marquez

COMPUTER ENGINEERING STUDENT

CONTACT INFORMATION:

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ABOUT ME

I'm an International student from Mexico, My primary interest is Backend, recently I've been interested in and 3D Graphics
My favorite hobby is playing the piano

SKILLS & ABILITIES:

C++
3D Graphics OpenGL
Circuit Design
Basic Python and Matlab
Verilog
Spanish (native)

ACADEMIC HISTORY:

TEXAS A&M UNIVERSITY College Electrical Engineering

Graduating 2021
Bachelors Degree In Computer Engineering
Minor in Mathematics
GPA: 2.978

RELATED EXPERIENCE

AGGIE_E CHALLENGE RESEARCH

Spacecraft | Fall 2019

Worked on Developing a Camera View that simulated A LiDAR sensor using OpenGL, with the purpose to be implemented in Space simulation.

TAMUMAKE HACKATHON

Spring 2019

Participated In the 2019 edition where I learned the basics of Arduino programming , and modified with my team a RC car to do an automated sequence with sensor feedback.

FUTURE EXPERIENCE

AGGIE_E CHALLENGE RESEARCH

Spring 2020

Research in Power constrained systems

TAMUMAKE HACKATHON

Spring 2020

RAY TRACER

Fall 2019

Coded a Ray Tracing rendering implementation that supports a few different geometries, Phong Shading Model with reflections and virtual classes to easily add more geometries.

SINGLE CYCLE PROCESSOR

Fall 2019

Implemented and tested a simple five stage arm v8 processor using Verilog, the processor handled the basic required operations.

RELEVANT COURSEWORK

Data Structure and Algorithms
Computer Graphics
Computer Systems
Computer Architecture