



Emmanuel Oyervides

Classification: Senior

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(915) 319 – 3403 

Emmanuel-oyervides 



Education

Bachelor of Computer Science

Texas A&M University, College Station, Texas

Overall GPA: 3.358

Expected: May 2021

Coursework

Software Engineering, Principles of Data Science, Design and Analysis of Algorithms, Computer Graphics, Data Structures and Algorithms, Discrete Structures for Computing, Linear Algebra



Programming Languages

Fluent

C++

HTML

CSS

Rudimentary

Java

Python

Ruby on Rails

UX/UI

JavaScript

Linux

SQL

API

GitHub



Honors

Regents' Scholar

August 2017 - Present

Engineering Learning Community

May 2018

Introduction to Research

Engineering Summer Bridge Program

July 2017

1st Place Programming UIL Districts

March 2017

Congressional App Challenge Winner

December 2016

Vex Worlds qualifier

April 2016



Projects

Spider Bot (Club Group Project), Lead Software Engineer

August 2018 - Present

Developed program using **Python** capable of remotely piloting a custom-built robot designed for scaling wall and ceilings that will be used for building inspection using real time imaging techniques.

<https://emmy0021.github.io/spiderBot/>

TAMU Transit System (Group Project), Full Stack Web Developer

January 2020 – April 2020

Pioneered a web-based application using **Ruby on Rails** which provide Texas A&M University students with the shortest and most time efficient route through campus.

<https://youtu.be/u40OT2iLXZ8>

Sities (Group Project), Full Stack Web Developer

August 2019 – December 2019

Developed a website using multiple **APIs**, **HTML**, **CSS**, and **JavaScript** to deliver a fast web service that provides a list of events and restaurant recommendations in your local area.

<https://emmy0021.github.io/Sities/>

Six Degrees of Kevin Bacon App (Group project), Front-End developer

August 2019 – December 2019

Developed a **JavaFX** desktop app that searches for the six degree of Kevin Bacon for two famous actors using **Java**, **SQL**, and the IMDb database.

<https://github.com/emmy0021/SixDegreesOfKevinBacon>



Extracurricular

TURTLE Robotics, Project member

August 2017 - Present

Main programmer of the Spider Bot project whose objective is to use a **Raspberry Pi** and **Python** to control a robot capable of navigating any surface, including walls and ceilings.

Society of Hispanic Professional Engineers (SHPE), Committee member

August 2017 - Present

Worked as part of the internal and external affairs committees assisting the organization with events and activities.

Aggie Coding Club, Project member

August 2017 - May 2018

Collaborated with other members to create an app using **C++** that efficiently automates class attendance.