



# Emmanuel Oyervides

Classification: Senior

[emmy0021@gmail.com](mailto:emmy0021@gmail.com) 

(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, Design and Analysis of Algorithms, Intro to Computer Systems, Data Structures and Algorithms, Discrete Structures for Computing, Linear Algebra, Principles of Statistics I



## Programming Languages



## Honors

### Fluent

C++

HTML

CSS

### Rudimentary

Java

Python

Ruby on Rails

UX/UI

SQL

JavaScript

API

### 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

### TAMU transit System(Group Project)

January 2020 – April 2020

Pioneered and developed a web based application with a **Ruby on Rails** back end, and pure **HTML** front end For client seeking to improve upon current TAMU bus system.

<https://youtu.be/u40OT2iLXZ8>

### Spider Bot (Group Project)

August 2018 - Present

Developed code using **Python** capable of remotely piloting a custom-built robot designed for scaling walls and ceilings that can be used for building inspection using **Machine Learning** image techniques.

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

### Sities (Group Project)

August 2019 – December 2019

Developed a site using multiple **APIs**, **HTML**, **CSS**, **JavaScript** and the **Agile Development** process in order to provide a service that provides event and restaurant recommendations in any major city.

<https://pages.github.tamu.edu/emmy0021/Project2/>

### IDME Desktop App (Extracurricular Group project)

January 2017 - March 2017

Increased in-class time by developing and implementing a **JavaFX** app that automates and facilitates class attendance.



## Extracurricular

### 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.

### TURTLE Robotics, Project member

August 2017 - Present

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

### Aggie Coding Club, Project member

August 2017 - May 2018

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