Emmanuel Oyervides

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Emmanuel-oyervides

Classification: Senior

Education

Bachelor of Computer Science Expected: May 2021

Texas A&M University, College Station, Texas
Overall GPA: 3.358

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

Fluent

C++ HTML CSS

Rudimentary

Java Python Ruby on Rails SQL

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

Proiects

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 **API**s, **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.