Emmanuel Oyervides

Classification: Senior

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Emmanuel-oyervides in

Expected: May 2021



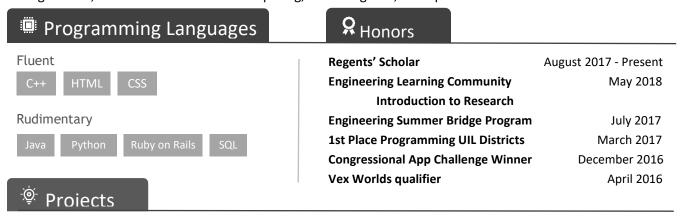
Bachelor of Computer Science

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



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)

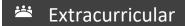
August 2019 – December 2019

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.



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.