Emmanuel Oyervides

emmy0021@gmail.com
Classification: Junior
(915) 319 - 3403

C++ Java

Education

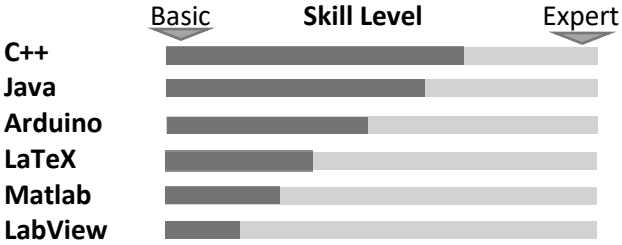
Bachelor of Computer Science Expected: May 2021

Texas A&M University, College Station, Texas
Overall GPA: 3.428

Coursework

Design and Analysis of Algorithms, Programming Studio, Intro to Computer Systems, Data Structures and Algorithms, Discrete Structures for Computing, Linear Algebra, Principles of Statistics I, Calculus I, II, and III.

Programming Languages



Awards

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

Experience

Spider Bot (Extracurricular group project) August 2018 - Present

Developed code using **Arduino** capable of remotely piloting a custom-built robot designed for scaling walls and maneuvering corners.

8-bit Processor Design (Group class project) March 2019 – April 2019

Designed an 8-bit processor using Logisim capable of handling matrix addition using our own assembly language and code.
http://people.tamu.edu/~kavyasree.bvs/fall18/csce312h/labs/project/Lab6_proj_description.pdf

Fitness App (Individual class project) April 2019

Designed a desktop app using **Java** that simplifies workouts by listing possible exercises for a specific body part based on the equipment that is available.

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

Learned about what it takes to successfully run a professional organization by immersing myself in the internal and external affairs committees.

TURTLE Robotics, Project member August 2017 - Present

Main programmer of the Spider Bot project whose objective is to use an **Arduino** to create 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.

Engineering Without Borders, Project member August 2017 - May 2018

Worked with fundraising team to raise money to pay for expenses of a trip to PERU that would help a local community in need.