Alex Adrian Avila

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EDUCATION

THE UNIVERSITY OF TEXAS AT EL PASO | **EXPECTED: MAY 2022**

BACHELOR OF SCIENCE IN COMPUTER SCIENCE | GPA: 3.94 /4.00

EXPERIENCE

INSTRUCTIONAL ASSISTANT, THE UNIVERSITY OF TEXAS AT EL PASO | JAN 2020 – PRESENT

Help the UTEP instructors by helping their students to understand the course material during office hours and help with grading and developing the material that would be cover during the class and lab session. Mainly covering Data Structures using **Java** and **Python**

EXPLORE INTERN, MICROSOFT | MAY 2020 – AUG 2020

Improve the Microsoft Azure team promotion of servers by designing and implementing a full stack website. Use **ASP.NET Core 3** to implement a **REST API** which would grab the data from an **Azure SQL** database that needed to be display into the front end. Then worked on the front-end portion of the website using **React** and **Fluent UI**

AFFILIATIONS

OFFICER, CODING INTERVIEW CLUB | AUG 2019 – MAY 2020

The Coding Interview Club is an organization that aims to prepare Computer Science students for technical interviews by giving them coding problems. Help students to pass their coding interviews by helping then practice their coding and explanation skills which are needed for the interview.

SUMOBOT COMPETITION, ROBOTICS & AUTOMATION SOCIETY | FEB 2019 – MAY 2019

Participated in this robotic competition in which I was the leader of a team to make a robot that will fight against another one, the objective was to push the opponents' robot out of a given area, meanwhile keeping yours inside the ring. Build robot using **Arduino Uno** as the microcontroller and **C++** to program the robot

TECHNICAL PROJECTS & VOLUNTEER EXPERIENCE

ANDROID APPS, PERSONAL PROJECTS

Improved my development skills by using Android Studio and creating some Android apps using **Java** and **XML** such as a Tic Tac Toe app and a Brain Trainer app that challenges the user to add and subtract as many operations as possible within 30 seconds. Also created a Weather app and Pokémon app by using **API** from other sites to collect data in **JSON** format.

VOLUNTEER, American's Navy | FEB 2019

Help the SeaPerch robotics competition by taking care of tools used to repair the robots in case the parts fall apart. If a member needed something such as an electrical screwdriver, I needed to go with them to take care of given tool.

SKILLS

- **Java - Proficient**
- **Python - Proficient**
- **Git - Proficient**
- **C# - Intermediate**
- **JavaScript – Intermediate**
- **React.js - Beginner**
- **English** - Fluent
- **Spanish** - Native
- **ASP.NET Core 3 – Beginner**