

## Airam Flores

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### Summary

Junior Computer Scientist pursuing concentration in Secure Syber Systems at The University of Texas at El Paso. Interest in research, embedded systems, coding, programming languages, artificial intelligence and computer engineering.

### Education

#### **The University of Texas at El Paso**

##### **El Paso, Texas - August 2018 to Present**

- Bachelor of Science in Computer Science  
Anticipated graduation date: 12/2022  
Overall GPA: 3.0

### Experience

#### **Undgraduate Research Assistant**

##### **El Paso, Texas - January 2021 to Present**

- Research focused on developing and deploying an edge computing architecture for Air Quality monitoring application in El Paso-Juarez borderland. Our research involves the use of edge computing for distributed data analysis and machine learning.
- Responsible to develop and deploy hardware that suits our interests. This involves sensors, circuits, embedded systems like Raspberry Pi and Arduino.

### Grants

#### **NSF Participation Grant**

##### **Kassel, Germany - March 22nd-26th 2021**

- I was 1 out of 38 worldwide students and IEEE members to virtually participate in IEEE International Conference on Pervasive Computing and Communication 2021 (PERCOM 2021)

### Skills

#### **General**

- Fluent English and Spanish speaker/writer
- Computer hardware knowledge
- Experience with Java, Python and C++ programming languages
- IOS, Linux and Windows knowledge
- Basic knowledge on Microsoft Office
- Efficient multi-tasking
- Patient and communicative with other members
- Fast learner

### Volunteer Experience

#### **Humane Society of El Paso**

##### **El Paso, Texas Feb 2020-Present**

- In charge of kennel care and cleaning

#### **The University of Texas at El Paso: Minerpalooza**

##### **El Paso Texas Aug 30th**

- In charge of playground area

#### **Personal: COVID-19 Assistance who those in need**

##### **Ciudad Juarez, Chih-El Paso, Tx**

- Assisted the elderly in my community for basic things they needed