Noah Velasco

El Paso, TX | noahvelasco299@gmail.com | (915) 504-8502 | in/noahvelasco | Github: noahvelasco

Education

Bachelor of Science in Computer Science with a Minor in Mathematics **Awarded:** Dec. 2022
The University of Texas at El Paso (UTEP) **GPA:** 3.57 / 4.0

Honors & Activities
Cum Laude Graduate
Dean's List - Fall 2017, Spring 2018, Spring 2022
Co-authored 4 Academic Papers with Dr. Vladik Kreinovich

Technical Skills

- Basic knowledge: PHP, Ruby, Dart, Scikit-learn, TensorFlow, OpenCV, Flask, Flutter, MacOS
- Intermediate knowledge: HTML, CSS, Javascript, Java, Git, GitHub, Figma
- Proficient knowledge: Python, C, Windows OS, Linux OS (Ubuntu, Kali, Mint)

Work Experience

UTEP Undergraduate Research Assistant El Paso, TX | 9/2021 – 1/2023
- Collaborate with 2 other researchers to publish academic papers in Fuzzy Control
- Spoke publicly to an audience of 30 at an NMSU/UTEP conference about Moments in Statistics and Expected Utility in Decision Making

Student Employee | UTEP Information Security Office (ISO) El Paso, TX | 2/2019 – 9/2020
- Supervised network traffic daily on UTEP domain by detecting infected machines with the use of Splunk monitoring software
- Minimized cyber risk daily by reducing the number of non-validated and potentially malicious emails with the use Cisco IronPort

Projects

Campus Base El Paso, TX | 8/2022 - Present
- Initiated a collaborative start-up app development project to help students on campuses nationwide with navigation, school events, and community events
- Participated in a entreprenuership workshop series to win 1st place in a pitch competition

CAN Bus Visualizer El Paso, TX | 1/2022 - 12/2022
- Collaborated in the creation of software documentation from scratch using UML diagrams
- Implemented and deployed a full stack web application using the FReMP stack for the Kali Linux OS alongside 7 collaborators
- Learned agile development first hand with real clients through bi-weekly meetings for a year

Vehicle Predictor El Paso, TX | 9/2021 - 12/2021
- Engineered a computer vision/machine learning Python program that could classify the make and model of 196 types of vehicles using the K-Means Clustering, ORB feature extraction and RANSAC algorithms obtaining an accuracy of 44% using 50% of the total dataset
- Presented my engineering process and results through a technical report to an audience of 45