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 3 Academic Papers with Dr. Vladik Kreinovich

Technical Skills

- Basic knowledge: Dart, Flask, NodeJS, ReactJS, Flutter, MongoDB, Firebase
- Intermediate knowledge: HTML, CSS, Javascript, Java, Git, GitHub, Figma
- Proficient knowledge: Python, C, 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 people 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 project to help students on campuses nationwide with ADA based navigation using the Flutter Framework
- Participated in a entrepreneurship 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 the Agile SDLC
- Implemented and deployed a full stack web application using the FReMP stack for the Kali Linux OS alongside 7 collaborators
- Applied Agile methodologies through successful bi-weekly meetings with a client 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
- Learned to translate technical code into insightful reports to communicate findings effectively