Noah Velasco

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Education

Bachelor of Science in Computer Science with a Minor in Mathematics — **Expected:** 12 / 2022
The University of Texas at El Paso (UTEP) — **Overall GPA:** 3.52 / 4.0
Major GPA: 3.45 / 4.0

Honors & Activities

Dean's List - Fall 2017, Spring 2018, Spring 2022
Published 3 Academic Papers with Dr. Vladik Kreinovich
UTEP Blackstone Launchpad, Member, Summer 2022 - Present
Pioneers21, Member, Summer 2022 - Present
Success Through Technology Education (STTE) Foundation, Member, Summer 2022 - Present

Technical Skills

- Basic knowledge in: Mac OS, HTML, CSS, PHP, TensorFlow, OpenCV
- Intermediate knowledge in: Figma, Dart, Java, Python, C, Ruby, Git, GitHub
- Proficient knowledge in: Windows OS, Linux OS (Ubuntu, Kali, Mint)

Work Experience

UTEP Undergraduate Research Assistant — **El Paso, TX | 9/2021 – Present**

- 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 app development project to help students on campuses nationwide with navigation, school events and community events
- Participated in a start-up workshop series where start-up fundamentals such as prototyping, market research, and PMF were used to win 1st place in a pitch competition.

Vehicle Predictor — **El Paso, TX | 9/2021 - 12/2021**

- Engineered a computer vision and machine learning Python program that could classify the make and model of 195 types of vehicles using the K-Means Clustering, ORB feature extraction and RANSAC algorithms