

Noah Velasco

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Education

The University of Texas at El Paso (UTEP)

El Paso, TX

Bachelor of Science in Computer Science

Expected: 12/2022

Minor in Mathematics

Overall GPA: 3.52 / 4.0

Major GPA: 3.45 / 4.0

Academic Achievements

Dean's List: Fall 2017, Spring 2018, Spring 2022

Published 3 Academic Papers with Dr. Vladik Kreinovich

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

Undergraduate Research Assistant | El Paso, TX

9/2021 – Current

- 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

- Initiated a collaborative start-up app development project to help students on campuses nationwide with navigation, school events and community events (In-Development)
- 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 (Completed 9/2021)

Extracurricular Activities

Member: UTEP Blackstone Launchpad & Pioneers21

- Participated in a start-up workshop series where start-up fundamentals such as pitch preparation, market research, PMF were used to win 1st place at a pitch competition.

Member: Institute of Electrical and Electronics Engineers (**IEEE**)

- Engaged with 2 other classmates to represent UTEP in the Fall 2018 IEEEExtreme Programming Competition to solve programming problems within 24 hours.