Everardo Olivares

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SKILLS

Technical Skills: Python, MATLAB, R, SQL, Excel, Pytorch, Data Analysis, Machine Learning, HTML, C++
Languages: Native/Bilingual proficiency in English and Spanish
Certifications & Licenses: Property & Casualty TX and MI

EDUCATION

University of Texas Rio Grande Valley, College of Natural Sciences   **Edinburg, TX**
Masters of Science in Applied Statistics and Data Science   Exp. May 2026
Bachelor of Science in Applied Mathematics   Aug 2016 - Dec 2020
Cumulative GPA: 3.9+/4.0

University of Texas at Austin, Oden Institute for Computational Engineering and Sciences   **Austin, TX**
Doctorate in Computational Science, Engineering, & Mathematics   Aug 2021- Dec 2022
Leave of Absence

RESEARCH

Los Alamos National Laboratory Collaboration   **Edinburg, TX**
Graduate Research Assistant   Aug 2024 – Present
- Working in the Associate Laboratory Directorate of Weapons Production. (ALDWP)
- Analyzing operational/manufacturing constraints imposed by interdepartmental and federal regulations.
- Building risk models to increase production rate of one-shot devices.

Lawrence Livermore National Laboratory Collaboration   **Austin, TX**
Graduate Research Assistant   Sep 2021 – Dec 2022
- Worked with senior and junior students from the UT VITA research group in collaboration with LLNL.
- We proposed an effective pretrain-and-transfer framework, where sparsification plays a two-fold role at both stages – as a noise-robust feature learning regularizer at pre-training stage, and as a data-efficient learning regularizer at few-shot transfer stage.

University of Texas NSF LSAMP Summer Research Academy Abroad   **Oxford, UK**
Undergraduate Research Assistant   May 2020 – Aug 2020
- Worked on sparse and low rank regularization for robust deep nets with University of Oxford faculty, Dr. Jared Tanner and his research team.
- Focusing on Sparse Variational Dropout.

MAA National Research Experience for Undergraduates Program, UTRGV   **Edinburg, TX**
Undergraduate Research Assistant   Jun 2018 – Aug 2018
- Project involved finding exact and numerical solutions for a stochastic Burgers equation with variable coefficients.
- Worked alongside three undergraduate students and three professors.
- Our work was published in a mathematical journal.

WORK EXPERIENCE

Fair Trade Outsourcing (FTO)   **Mcallen, TX**
Insurance Agent - P&C License - TX & MI   Jan 2024 – Aug 2024
- Worked as Customer Service Representative for Citizens United Reciprocal Exchange. (CURE)
- Resolved customer policy issues with a quality assessment average of 98%, above office average.

LEADERSHIP

Economics and Finance Society UTRGV   Aug 2017 - May 2020
President
- Organized and led weekly meetings to prepare for the Economics Scholars Program Undergraduate Research Conference held at the Dallas Federal Reserve Bank.
- Hosted guest speakers led Income Tax Assistance and Financial Literacy Programs in local community volunteer events. (VITA)