Christopher Terrazas

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Education

2024-Now	**Ph.D.**, Computer Science, Oregon State University
2020-2024	**M.S.**, Computer Science, University of Texas at Austin
2017-2020	**B.A.**, Computer Science, Columbia University

Interests

My interests lie within software engineering, AI, and their intersection with interesting domains.

Teaching Experience

2025	**Advances in Deep Learning**. Teaching Staff, UT Austin. Course focused on latest in deep learning research such as large language models and their optimizations.
2024	**Deep Learning**. Teaching Staff, UT Austin. Collaborated with graduate students on final projects focused on deep learning research.
2024	**Android Programming**. Teaching Staff, UT Austin. Taught graduate students android programming leading to final projects.
2023	**Case Studies in Machine Learning**. Teaching Staff, UT Austin. Helped graduate students develop final projects motivated from topics in machine learning.
2022	**Data Structures and Algorithms**. Teaching Assistant, UT Austin. Developed questions for homeworks and exams focused on efficient algorithms.

Research Experience

2024–	**The School of Electrical Engineering and Computer Science at Oregon State University**, Graduate Researcher - Conducting research on reliability of open-source software.
2020–2022	**Center for Translational Data Science at the University of Chicago**, Research Software Engineer, high-performance computing. - Collaborated with researchers and engineers to increase access to research data across multiple organizations at the Center for Translational Data Science, an academic research center at the University of Chicago.

- Designed and implemented a data-analysis workflow database for the Department of Veterans Affairs (VA) research team to store high-performance computing data and provide efficient workflow retries.

Awards & Honors

2024 **Distinguished Fellow**, Outstanding Scholars Program, Oregon State University.
The College of Engineering Distinguished Fellowship for exceptional achievement in graduate studies.

Skills

Programming: Python, C++, C, Cuda, Rust, and Golang.
Technologies : NumPy, PyTorch, Linux Kernel development, Slurm, Git, Kubernetes, and Docker.

Other Experience

2012-2016 **United States Marine Corps**, Quality Assurance Representative.

Extracurricular

2017-2024 **Service to School**, Undergraduate & Graduate Ambassador.
Helped military veterans navigate the college admission process for both undergraduate and graduate education.

2022 **Pyvet**, Author.
An open-source Python package to help developers and researchers efficiently access data from the VA from many data sources.