EAST TEXAS A&M UNIVERSITY

Curriculum Vita
December 2025

Instructor: Michael J. Henry, Adjunct Instructor
Academic Department: CSCI

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East Texas A&M University
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EDUCATION

M.S. Applied Mathematics
Indiana State University, 2024

M.S. Computer Science
Georgetown University, 2011

B.S. Computer Engineering
Purdue University, 2006

TEACHING EXPERIENCE

2021 - Present, Adjunct Instructor, East Texas A&M University

2018, Adjunct Instructor, Washington State University-Tri Cities

PUBLICATIONS

▪ **GLaM: Fine-Tuning Large Language Models for Domain Knowledge Graph Alignment via Neighborhood Partitioning and Generative Subgraph Encoding.** Proceedings of the AAAI Symposium Series. 2024

▪ **Evaluating the Efficacy of Generative Models.** Conference on Data Analytics (*invited speaker*). 2023

▪ **Evaluating Generative Networks using Gaussian Mixtures of Image Features.** Proceedings of the IEEE/CVF Winter Conference on Applications of Computer Vision. 2023

▪ **Video Summarization Using Deep Action Recognition Features and Robust Principal Component Analysis.** Systemics, Cybernetics, and Informatics. 2020

▪ **Uncovering Biases in Off-the-shelf Natural Language Processing Tools.** Joint Statistical Meetings. 2020

▪ **Probing for Artifacts: Detecting ImageNet Model Evasions.** Proceedings of the IEEE/CVF Conference on Computer Vision and Pattern Recognition. 2020

▪ **The Outer Product Structure of Neural Network Derivatives.** preprint. 2018

▪ **SenseAlert: A Real-time Group and Individual Health Tracking Application.** Extended Abstracts of the 2018 CHI Conference on Human Factors in Computing Systems. 2018
▪ **EpiEvident: Biosurveillance to Monitor, Compare, and Forecast Disease Case Counts.** Online Journal of Public Health Informatics. 2018
▪ **Understanding and Exploiting the Low-rank Structure of Deep Networks.** Workshop on Geometry in Machine Learning. 2018
▪ **Understanding Social Media's Take on Climate Change through Large-scale Analysis of Targeted Opinions and Emotions.** AAAI Spring Symposium Series. 2017
▪ **Multi-modal Geolocation Estimation Using Deep Neural Networks.** preprint. 2017