Enshi Zhang

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Research Interest

AI for Speech and Natural Language Processing; AI for Health

Education

Florida International University, Miami FL, USA
Ph.D. in Computer Science
Advisor: Prof. Christian Poellbauer
<div align="right">Aug 2021 – Present
(expected graduation: June 2026)</div>

La Salle University, Philadelphia PA, USA
Master in Business Administration
<div align="right">Aug 2017 – Aug 2018</div>

University of Kansas, Lawrence KS, USA
B.S. in Mathematics & Accounting
<div align="right">Aug 2012 – May 2017</div>

Employment

Florida International University – Miami, FL
Research Assistant
Advisor: Prof. Christian Poellabauer
<div align="right">Aug 2021 – Present</div>

Robert Half – West Palm Beach, FL
Financial Analyst
Supervisor: Josselyn Hodges
<div align="right">Aug 2020 – Aug 2021</div>

Vanguard – Malvern, PA
Financial Analyst
Supervisor: Kevin Pennington
<div align="right">Dec 2019 – Jul 2020</div>

Robert Half – Philadelphia, PA
Accountant
Supervisor: Bob Kessler
<div align="right">Dec 2018 – Dec 2019</div>

Publications

Mitigating Interviewer Bias in Multimodal Depression Detection: An Approach with Adversarial Learning and Contextual Positional Encoding — EMNLP 2025
Enshi Zhang, Christian Poellabauer

MADSurv: An Uncertainty-Aware Framework for Multimodal Cancer Survival Analysis — ACM-BCB 2025
Enshi Zhang, Varun Sai Raigir, Christian Poellabauer, Adrian Kohut, John Michael Templeton, Ananda Mondal, Lexi Weintraub

Participant Engagement and Data Quality: Lessons Learned from a Mental Wellness Crowdsensing Study — ACM SIGCHI CSCW 2025
Enshi Zhang, Rafael Trujillo, Christian Poellabauer

Contextual Speech Emotion Recognition with Large Language Models and ASR-Based Transcriptions — NeurIPS Workshop 2024
Enshi Zhang, Christian Poellabauer

Improving Speech-based Emotion Recognition with Contextual Utterance Analysis and LLMs (emotion recognition challenge winner) — IEEE SLT 2024
Enshi Zhang, Christian Poellabauer

The MERSA Dataset and a Transformer-Based Approach for Speech Emotion Recognition — ACL 2024

<u>Enshi Zhang</u>, Rafael Trujillo, Christian Poellabauer

Predicting long-term sleep deprivation using wearable sensors and health surveys	Computers in Biology and Medicine 2023

Rafael Trujillo, <u>Enshi Zhang</u>, Christian Poellabauer

A study on mobile crowd sensing systems for healthcare scenarios	IEEE Access 2023

<u>Enshi Zhang</u>, Rafael Trujillo, Christian Poellabauer

Awards

ACM-BCB - *Student and Young Professional Award*	Oct 2025
IEEE SLT GenSEC Challenge - *Speech Emotion Recognition Winner*	Nov 2024
AUT Workshop on Speech Analysis for Neurodegenerative Diseases and Brain Injuries - *Best presentation award*	Feb 2024

Professional Service

Reviewers for journals: IEEE IoT, IEEE Sensors, ACM Computing Surveys, IEEE Transactions on Affective Computing

Reviewers for conferences: ACM-BCB 2024, ISMAR 2024, ICIS 2024, ICWSM 2024-2025, CHI 2025, ICASSP 2025, ACM MM 2025, ICLR 2025-2026

Mentor for Capstone and REU programs at FIU: Spring 2023, Summer 2024, Fall 2024, Spring 2025, Summer 2025, Fall 2025

Teaching

Database Management, FIU	May 2025 - Aug 2025
Discrete Mathematics, FIU	Jan 2024 - Apr 2024
Data Structure, FIU	Jan 2022 - Apr 2022
Physics, Kennedy Elementary School	Aug 2013 - Dec 2013

Programming Language

Python, Java, SQL