Zichun Wang

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Professional Summary

I have been a Teaching Assistant since August 2022, assisting in computer science and mathematics courses. Currently, I am conducting research on Large Language Models under the supervision of Dr. Maiti and participating in cybersecurity research with Dr. Ali. I have published a paper on LSTM models with Dr. Wu and contributed to hydrological research with Professor Fernando using software such as AlgoMesh and ParaView. Additionally, I developed a website for an AI workshop using HTML and CSS. I am also currently working as a tutor.

Education

West Virginia State University   August 2022 - May 2024
Institute, West Virginia, U.S.A
Master of Science in Computer Science

University of Southern California   August 2019 - May 2021
Los Angeles, California, U.S.A
Master of Science in Financial Mathematics

Northeast Forestry University (China)   August 2015 - June 2019
Harbin, Heilongjiang Province, China
Bachelor of Science in Information and Computational Sciences

Experience

West Virginia State University   Since October 2024
Institute, West Virginia, U.S.A
Tutor
- Helping other students in this university about computer science and math problems.

West Virginia State University   January 2023 – February 2024
Institute, West Virginia, U.S.A
Research Assistant
- Helping Dr. Fernando to do hydrological Research.
- Helping Dr. Wu to do research on Intrusion Detection System and other machine learning-related topics.

West Virginia State University   September 2022 - January 2024
Institute, West Virginia, U.S.A
Teaching Assistant

- Helping students in Computer Science and math classes, grading, and proctoring tests.
- Tutoring students of Computer Science.

Hubo Sports   November 2021 - August 2022
South El Monte, California, U.S.A
Data Analyst
- Making ,submitting and analyzing forms related to the management of our company.

Activities and Organizations

CSCE Conference   July 2023
Las Vegas, Nevada, U.S.A
Volunteer and Presenter
- Helping Cochairing some sessions of CSCE.
- Presenting my paper: R1CIDS: A Hybrid Dual Filters Intrusion Detection System. (Communication Author: Dr. Wu, Heng (heng.wu@wvstateu.edu))

Artificial Intelligence Workshop   August 2023
Institute, West Virginia, U.S.A
Website Developer
- Making the *website* for Artificial Intelligence Workshop: Exploring Data Mining and Image Analysis with deep learning in the West Virginia State University.

CSCE Conference   December 2024
Online
Presenter
- Helping Cochairing some sessions of CSCE.
- Presenting my paper: GallNet: A Hybrid Architecture for Gallbladder Cancer Detection. (Corresponding Author: Mr. Temesgen A. Tikure (ttikure@wvstateu.edu)

LLM Research   Since January 2025
Institute, West Virginia, U.S.A.
Participant
- Helping Dr. Maiti to do LLM research by prompt engineering and doing linguistic analysis.

Awards

IBM Masters Fellowship   2023

Languages

Chinese   native
English   fluent
Japanese   moderate