

Christopher Burger

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RESEARCH INTERESTS

Interpretability and Explainability in ML/AI, Predictive Modeling, Uncertainty of Predictive Models

EDUCATION

University of Mississippi, Oxford, USA Aug. 2018 — Current
PhD Program in Computer Science (Current)
Master of Science Program in Computer Science
Master of Arts Program in Mathematics

Mansfield University of Pennsylvania, Mansfield, USA Aug. 2014 — May 2018
Bachelor of Science: Applied Mathematics, Pure Mathematics, Computational Mathematics

ACADEMIC EXPERIENCE

University of Mississippi Oxford, USA
Research Fellow - Institute for Data Science Jan. 2024 — Current
Graduate Instructor Dept. Computer and Information Science Aug. 2022 — Dec 2023

- MATLAB: Introduction to Programming for Engineers and Scientists

Graduate Instructor Dept. of Mathematics Aug. 2019 — May 2020

- Introduction to Statistics

PUBLICATIONS

- Burger, C., & Chen, L., & Le, T. "Are Your Explanations Reliable". EMNLP 2023.
- Burger, C. (Submitted) ***Anonymity Embargoed***
- Burger, C., & Le, T., & Walter, C. (In-Progress). Minimum Viable Perturbations in Text-based Adversarial XAI.
- Burger, C., & Le, T., & Chen, L. (In-Progress). Improving Similarity Measures in Text-based XAI.

REFERENCES

Prof. Thai Le (PhD Advisor)

Assistant Professor, Department of Computer and Information Science, University of Mississippi, Oxford, USA
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Other References Available on Request