Lemara Williams

PhD Student, Washington University in St. Louis

Visualization & Human-AI Collaboration

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Education _	·		
Washington University in St. Louis PhD, Computer Science		St. Louis, MO 2024 - present	
-	echnic Institute of Technology Science & Applications	Blacksburg, VA 2022 - 2024	
Summa Cum	Science, Music	Amherst, MA 2018 - 2022	
Professiona	al Experience		
2024	 Responsible and Inclusive Technologies Research Intern, IBM Resource Co-led a study to analyze the perceptions of IT profession recommendations Utilized various qualitative research methods, including in thematic analysis, to evaluate and optimize user experien application 	als regarding prompting nterviews, surveys, and	
2023-2024		emporal high dimensional	
2023	Software Performance Analyst Intern, IBM Research o Identified where explainability can be added to sub-seque for ease of end-user interpretation	Performance Analyst Intern, IBM Research Identified where explainability can be added to sub-sequence clustering techniques for ease of end-user interpretation Investigated the periodicity of features and their seasonality to establish timetables	
2022	 Software Development Research Intern, IBM Research Working on an AI Infrastructure Optimizer extension to id or workloads with a nonproductive status Identifying characteristics of a nonproductive status for a building a machine learning workflow for classification 		

Programming Languages: Java, Python, MATLAB, LaTex, NumPy, Pandas, Scikit-Learn, HTML/CSS, MySQL, D3, JavaScript

Software: Linux, Kubernetes, Tableau, Jupyter Notebooks, Microsoft Office, Figma

Skills _____

Publication	S	
Faust, Larry De Transactions of	rchuk*, Lemara Williams * (* equal contribution), Brian Mayer, Thomas Danielson, Rebecca schaine, Chris North. "Visualizing Temporal Topic Embeddings with a Compass". <i>IEEE</i> in Visualization and Computer Graphics, 31, 2024. (to appear)	
Awards		
	Al-ACCESS Fellowship, Washington University in St. Louis Clare Boothe Luce Graduate Fellowship, Washington University in St. Louis GEM Fellowship, The National GEM Consortium	
Teaching Experience		
	Data Matter, Teaching Assistant Professionalism in Computing, Teaching Assistant	