Bowen Wei | Resume

Fairfax, VA · +1 (434) 254-9053 · bwei2@gmu.edu

Location: Fairfax, VA
Phone: +1 (434) 254-9053
Email: bwei2@gmu.edu
LinkedIn: https://www.linkedin.com/in/bowen-wei-9485a1192/

Research Interest

My research centers on trustworthy AI, with interpretability at its core. I design models and tools that help users understand how AI systems reach their decisions. I also study related challenges in security, fairness, and agent design, aiming to keep AI agents reliable and protected against misuse. Ultimately, I seek to create AI systems that work well in practice while remaining transparent, fair, and resilient.

Education

· Ph.D. in Computer Science, George Mason University, Fairfax, VA (Expected 2028)
· Master of Computer Science, University of Virginia (2021–2023)
· Bachelor of Computer Science, Xidian University (2016–2021)

Publications

· [**ACL 2025 Main**] **Bowen Wei**, Ziwei Zhu. *ProtoLens: Advancing Prototype Learning for Fine-Grained Interpretability in Text Classification*.
· [In submission] **Bowen Wei**, Ziwei Zhu. *Neural Symbolic Logical Rule Learner for Interpretable Learning*.
· [In submission] **Bowen Wei**, Ziwei Zhu. *Learning to Explain: Prototype-Based Surrogate Models for LLM Classification*.
· [In submission] Chahat Raj, **Bowen Wei**, Ziwei Zhu. *VIGNETTE: Socially Grounded Bias Evaluation for Vision-Language Models*.
· [In submission] Mehrdad Fazli, **Bowen Wei**, Ziwei Zhu. *Mitigating Hallucination in Large Vision-Language Models via Adaptive Attention Calibration*.
· [MSc thesis] **Bowen Wei**, Yiling Jia, Hongning Wang. *An Empirical Study of Neural Contextual Bandit Algorithms*.

Internship

AI Agents Developer - Fluency Security — Jun. 2025 – Present

· Designed and implemented a multi-agent system for security ticket analysis using the MCP framework
· Centralized agent initialization via a configurable file enabling users to customize prompt settings without modifying the codebase
· Integrated the client-side application with a RESTful backend service establishing a robust communication pipeline for real-time data streaming.

GenAI Engineer - GoEngage — Jun. 2025 – Present

· Implemented a semantic search engine that replaced brittle keyword matching and improved retrieval accuracy
· Developed an LLM-powered agentic chatbot that autonomously queries backend APIs and generates clear analytical reports for non-technical users

Awards & Achievements

· Scholarship for Academic Excellence of Xidian University (top 3%).
· Outstanding Student of the School of Computer Science and Technology (top 3%).

Professional Service

Reviewer / Sub-reviewer: ARR (Dec 2024; Feb 2025—ACL; May 2025—EMNLP), KDD 2024, ACML 2024–2025, SSCI 2025, CAIS.