Andrew Lawrence
Boston, MA

✉ andrew.e.lawrence@gmail.com   in LinkedIn   🤗 Hugging Face

Education

Tufts University | **GPA 3.87**	**Expected Graduation May 2026**
Candidate for BS in Computer Science (CS) & BA in Science, Technology, and Society (STS); Dean's list	*Somerville, MA*

Relevant Coursework: Machine Learning, Algorithms, Data Structures, Linear Algebra, Discrete Mathematics

La Pontificia Universidad Católica de Chile	**August 2024 - December 2024**
Tufts in Chile fall 2024 exchange program.	*Santiago, Región Metropolitana, Chile*

Skills

AI & ML: Fine-tuning, Evals, RAG, CoT, Knowledge graphs, Model APIs
Software Development: Python (Transformers, Pandas, NumPy, etc.), C, Git, Docker, AWS (S3, Lambda, API GW), REST APIs, GraphQL
Business & Research: Spanish fluency, Stakeholder management, Workflow analysis, BPMN, Literature review, Experimental design

Experience

Research Assistant	**April 2025 – Present**
University of Connecticut RIET Lab	*Remote*

- Engineer a knowledge graph of philosophical argument structures, exposing AI models to latent reasoning norms to improve reasoning accuracy, transparency, and alignment.
- Develop novel argument-mining pipelines to extract and classify discourse units and map argument relations.

Research Assistant	**February 2024 – July 2024**
University of Michigan School of Information	*Remote*

- Co-led student copyediting for Professor Ben Green's upcoming book on Algorithmic Realism in data science, providing substantive critiques of theoretical claims and analytical frameworks.
- Applied sociotechnical and algorithmic fairness knowledge to challenge core assumptions, influencing revisions to the proposed data science pipeline and shaping the structure of the book's proposed methodology.

Workshops

Machine Ethics and Reasoning (MERe) Workshop	**(Organizer) July 2025**
AISST/MAIA Policy Workshop	**April 2025**
Let's Talk AI: Navigating Academic, Environmental & Societal Impacts	**(Organizer) April 2025**
Advanced Automated Systems, Contestability, and the Law	**March 2024**

Projects & Papers

The Best AI-First Organizations Are Built Bottom-Up	**July 2025**
Competitive UK Key Stage Readability ML Classification (2nd of 120 teams)	**March 2025**
32-Bit C-based x86 RISC-V Instruction Emulator	**April 2024**
Morality, Capability, and the Ethics of Decision-Making AI	**December 2023**
Pacing Progress; Mitigating Risks in the Rapid Evolution of AI/ML Systems	**November 2022**

Leadership Roles

Tufts AI Safety	**Winter 2025 – Present**
Director	

- Spearheaded and directed Tufts' first AI Safety organization, recruiting 44 members in its first semester and securing $10,000 in seed funding to launch technical- and governance-focused initiatives and reading groups.
- Forged strategic partnerships with four Tufts research labs and the Center for AI Policy's National Policy Advocacy Network, establishing a sustained pipeline for members to engage in AI/ML research and policy advocacy.
- Organized and hosted the flagship speaker series, consistently drawing 40 attendees and catalyzing cross-campus engagement on AI governance and technical safety.

The Lantern at Tufts	**Fall 2023 – Present**
Director, Contributing Writer	

- Directed technical programming for a 15-member STS think tank, including advising on AI governance & data privacy, guiding undergraduate researchers, and coordinating external partnerships.
- Oversaw production of annual magazine; distributed to 100+ students and faculty at Tufts, promoting critical analysis of surveillance technologies among other issues.

Extracurriculars

Organizations: Tufts AI Safety, The Lantern at Tufts, All Tech Is Human, Center for AI Policy
Interests: Sci-Fi novels, cribbage, watchmaking, skiing, bouldering