

# ANDREW LAWRENCE

BOSTON, MA

contact@exton.info

<https://exton.info>

EDUCATION	<b>Tufts University</b> BS in Computer Science & Science, Technology, and Society Dean's list, CS Student Council, STS Major Ambassador <b>La Pontificia Universidad Católica de Chile</b> Tufts in Chile Program	<i>Exp. May 2026 Somerville, MA</i> <i>Sept. - Dec. 2024 Santiago, Chile</i>
RESEARCH EXPERIENCE	<b>Research Assistant</b> <i>University of Connecticut RIET Lab   Avijit Ghosh</i> <ul style="list-style-type: none"><li>Develop a multi-persona, branching debate web app using SvelteKit to support a study on mitigating online echo chambers, deploying open-source AI models to test the new framework for pluralistic discourse.</li><li>Design an end-to-end argument mining (NLP) pipeline to process 86K philosophy papers, automating extraction and classification of reasoning patterns to build a novel knowledge graph aimed at improving AI alignment and explainability.</li></ul> <b>Research Assistant</b> <i>University of Michigan School of Information   Ben Green</i> <ul style="list-style-type: none"><li>Critiqued theoretical claims of Algorithmic Realism, applying sociotechnical frameworks to challenge assumptions and directly influence revisions to the work's proposed data science methodology.</li></ul>	<i>April 2025 - Present Remote</i> <i>Feb. - July. 2024 Remote</i>
INDUSTRY EXPERIENCE	<b>Software Engineer Intern</b> <i>CYSCE S.A. Consultores Empresariales</i> <ul style="list-style-type: none"><li>Modernized a legacy credit-card platform by consolidating customer profiles from 4 business units into one API, directly cutting payment latency.</li><li>Authored a bilingual (EN/ES) cultural-operations policy playbook adopted by the CEO to steer U.S. market expansion and accelerate cross-division collaboration.</li></ul> <b>Digital Transformation Intern</b> <i>Tufts Technology Services</i> <ul style="list-style-type: none"><li>Drove 302% platform engagement growth by leading cross-departmental workflow analyses and deploying tailored SaaS solutions that aligned technical systems with stakeholder goals.</li><li>Orchestrated a strategic backend migration from legacy systems to AWS (S3, Lambda) after identifying API bottlenecks, cutting infrastructure costs by 15% and boosting system scalability.</li><li>Developed the organization's first internal analytics suite (Python, Pandas) to translate platform usage data into CIO-level reports, enabling evidence-based decision-making and securing renewed executive investment.</li></ul>	<i>Sept. - Dec. 2024 Santiago, Chile</i> <i>Jan. - Aug. 2024 Somerville, MA</i>
LEADERSHIP POSITIONS	<b>Director</b> (Prev. Technical Fellowship Facilitator) <i>Tufts AI Safety</i> <ul style="list-style-type: none"><li>Established Tufts' first AI Safety organization, securing \$20K in funding and scaling the group to 44 members and fellows in its first semester.</li><li>Designed and led the group's AI policy fellowship, developing an 8-week curriculum for 12 fellows covering topics like compute governance and international coordination. Overseeing our inaugural policy hackathon.</li><li>Forged partnerships across 2 schools and 4 research labs and hosted a flagship speaker series to integrate responsible AI governance into the university's research and administrative agendas.</li></ul> <b>Director</b> (Prev. Technical Lead) <i>The Lantern</i> <ul style="list-style-type: none"><li>Co-organize an ongoing AI panel series ("Let's Talk About AI") in partnership with Tufts administration, scaled from an inaugural, 110-attendee event whose findings continue to shape institutional AI policy.</li><li>Direct a small interdisciplinary team, overseeing and contributing to an annual magazine that provides sociotechnical analyses of technology and science issues (e.g., of surveillance) to 100+ community members.</li></ul>	<i>Jan. 2025 - Present Somerville, MA</i> <i>Jan. 2024 - Present Somerville, MA</i>

AFFILIATIONS	Kairos Pathfinder Program	<i>Fellow</i>
	All Tech Is Human	<i>Member</i>
	MIT AI Alignment	<i>Affiliate</i>
WORK IN PROGRESS	“A Sociotechnical Analysis of Contextual Integrity in Differential Privacy,” <i>Interdis. Honors Thesis</i> . “Mitigating Bias and Echo Chambers in Large Language Models: A Multi-Persona Framework for Nuanced Debates on Sensitive Subjects” “Moral-KG: Building a Knowledge Graph of Philosophical Arguments for Grounded, Transparent AI Reasoning”	
SELECTED WORK	“The Best AI-First Organizations Are Built Bottom-Up”	<i>July 2025</i>
	MovieLens100K SVD++ ML Recommender System (RecSys)	<i>April 2025</i>
	“TIPS from TwIPS: Integrating Assistive LLM Interp. into Browser Workflows and Evaluating Model Bias”	<i>April 2025</i>
	AI Slopsquatting Cybersecurity Policy Memo	<i>March 2025</i>
	Logistic Regression UK Lexile Reading-level Classifier	<i>March 2025</i>
	“Beyond the Frame of Our Lives: All Light, Everywhere, Surveillance, and the Illusion of Objectivity”	<i>May 2024</i>
	“Morality, Capability, and the Ethics of Decision-Making AI”	<i>Dec. 2023</i>
EVENTS & TALKS	“Pacing Progress; Mitigating Risks in the Rapid Evolution of AI/ML Systems”	<i>Nov. 2022</i>
	JumboCode Lightning Talk Series: An AI Safety Perspective on OpenAI's AgentKit	<i>Oct. 2025</i>
	RIET Lab Machine Ethics & Reasoning (MERe) Workshop	<i>July 2025</i>
	Let's Talk AI: Navigating Academic, Environmental & Societal Impacts	<i>April 2025</i>
SKILLS	AI/ML: LLMs, Argument mining, Fine-tuning (Q/LoRA), Transformers, Context engineering, Explainability, Fairness	
	SWE: Python (Transformers, Scikit-Learn, NumPy, Pandas), C, C++, Git, Docker, REST APIs, AWS Lambda	
	Other: Spanish fluency, Sociotechnical analysis, Stakeholder management, Workflow analysis, BPMN	