

Gatlen Culp

📍 Cambridge, MA ✉ gculp@mit.edu 🌐 gatlen.me 🔄 GatlenCulp 🎓 Google Scholar

Education

BS **Massachusetts Institute of Technology** **Sept 2021 – May 2026**
Computer Science with a concentration in AI & Decision Making Cambridge, MA

Experience

🔧 AI Evaluations & Software Engineering Contractor **Sept 2024 – present**
[Model Evaluation and Threat Research \(METR\)](#) · [Vivaria](#) · [Homebrew](#) · [Eval Templates](#) Remote

Developed CLI tools, evaluation templates, and installers for [Vivaria](#), a platform used by METR to conduct AI capability and risk evaluations in partnership with OpenAI, Anthropic, and US/UK AI safety institutes. Enhanced documentation for rapid adoption.

🔧 DevOps & Full Stack Engineer **June 2024 – Aug 2024**
[MIT Computational Biology Lab](#) · [MantisAI Website](#) Cambridge, MA

Engineered NetworkX-based graph visualization system and DevOps infrastructure for [MantisAI](#), a Django web platform for interactive text and data analysis. Architected CI/CD pipeline with GitHub Actions, Docker, and AWS deployment. Led PostgreSQL migration, identified critical security vulnerabilities, and lead a project-wide codebase and documentation refactor.

🏢 Director of Operations **Feb 2023 – Nov 2024**
[MIT AI Alignment \(+ Harvard AI Safety Team\)](#) · [MopMan](#) · [Public Resources](#) Cambridge, MA

Led operations for 300+ people across 36+ programs. Created [MopMan](#) automation tool saving 10 hours/week across 3 AI safety groups. Halved expenses via office relocation. Managed facility logistics, interior design, digital infrastructure, and program operations.

🔧 Machine Learning Researcher **June 2022 – Oct 2022**
[Stanford Existential Risks Initiative & MIT Algorithmic Alignment Group](#) · [CommonClaim](#) Berkeley, CA

Developed RL fine-tuning technique for GPT-2 to autonomously identify diverse prompts resulting in harmful model outputs (violence, disinformation, etc.). Trained models, built evaluation pipeline, and created survey resulting in the [CommonClaim](#) dataset of 20,000 boolean statements. Paper - "[Explore, Establish, Exploit- Red Teaming Language Models from Scratch](#)".

🌐 Full Stack Web Developer **May 2022 – June 2022**
[MIT's Civic Data Design Lab \(CDDL\)](#) Cambridge, MA

Delivered a full-stack [web platform](#) and WhatsApp interface in under three weeks. Implemented contribution form web page with React, SASS, REST API, and Node. Created WhatsApp informational messaging interface with Twilio. Developed script to compress image sizes on MongoDB.

Certifications and Awards

Professional Certifications: [AWS Certified Cloud Practitioner](#) (Dec 2023 - Dec 2026), Autodesk Certified User - Inventor, OSHA 10-Hour General Industry (Feb 2020)

Academic & Technical Awards: [State-Level Competitive Programming Awards](#) (TSA), 'Meritorious' Award (HiMCM), TryHackMe Badges and Experience