Katherine Rimey

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Computer science graduate student at Yale (MS expected May 2026) focusing on AI safety and ethics. Combining a strong technical foundation, AI safety training, and teaching experience to make AI systems safer, more understandable, and better aligned with human values.

Education

- **Yale**, MS in Computer Science, September 2024 – May 2026
  Notable coursework: Topics in CS and Global Affairs, Industrial AI Applications
- **BlueDot Impact,** AI Safety Training, Spring 2026
  Technical AI Safety; AGI Strategy Courses – safety techniques, threat models, open research problems; governance strategy, threat modeling, and policy interventions, kill chain analysis, defense-in-depth.
  Technical AI Safety Project – 30-hour technical research project facilitated by an AI safety expert.
- **Boston University**, BA in Computer Science, September 2020 – May 2024
  One of four students awarded the 2024 *Department Prize for Academic Excellence*.
  Minor in Great Books Core Curriculum. Notable coursework: Streaming Systems; Distributed Systems; Operating Systems; Philosophy of Gender, Race, and Science

Work Experience

- **American Civics Exchange, Software Engineer**, June 2025 – February 2026
  Developing full stack software for an early-stage prediction market startup, nearly exclusively using Claude Code powered workflows. Took broad independent responsibility while collaborating with a team to develop business critical features quickly.
- **Yale, Graduate Teaching Fellow**, Fall 2024 – present
  Managed a team of undergraduate TAs, held office hours, and met with students 1-on-1 for career advice and mentorship.
- **Boston University, Head Teaching Assistant**, Spring – Summer 2024
  Taught labs and coordinated the work of four other TAs for Distributed Systems. Overhauled the curriculum, including course assignments and lab teaching materials. Held office hours for large groups of students. I was awarded the 2024 *Department Prize for Academic Excellence* for this work.
- **Boston University, Research Assistant**, Spring – Summer 2024
  Developed a high-performance stream processing system in Go for the Complex Analytics & Scalable Processing Lab to support the group's research. Achieving the required performance required deep understanding of the performance characteristics of Go language internals and concurrency primitives.
- **Boston University, Teaching and Course Assistant**, Spring and Fall 2023
  Taught labs, held office hours, and assisted in lectures for Intro to Database Systems and Intro to CS.
- **Elisa Polystar, Software Developer Intern**, Helsinki, May – August 2023
  Developed a range of Python tools for use in 5G mobile network automation and analytics.
- **Matchmade, Software Engineering Intern**, Helsinki, May – August 2022
  Completed multiple product development projects in TypeScript, React, and NodeJS.