

Ezra Newman

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EDUCATION

Boston University — *BA in Computer Science • BA in Philosophy*

September 2021 - May 2025

GPA: 3.96

Relevant CS Coursework: Artificial General Intelligence, Natural Language Processing, Compiler Implementation and Design, Formal Methods, Streaming Systems, Distributed Systems, Discrete Math, Engineering Analysis and Design.

Relevant Philosophy Coursework: Philosophy of Value, 20th Century Ethical Philosophy and Applied Ethics, Ancient Ethical Philosophy, Phenomenology, Kant.

BlueDot — *Technical AI Safety • AGI Strategy*

January 2026 - Present

Topics included safety techniques, threat modeling, open technical problems, governance strategy, policy interventions, kill chain analysis, and defense-in-depth.

WORK EXPERIENCE

SPAR — *Research Fellow*

February 2025 - Present

Working with Daniel Tan on recontextualization; and with Santi Aranguri to develop evaluation techniques and mitigations for reward hacking in LLMs.

American Civics Exchange — *Software Engineer*

June 2025 - January 2025

Developed full stack software for early stage prediction market startup utilizing both AI agents and hands on programming. Took broad independent responsibility while collaborating with a fast-paced team to develop business critical features.

Boston University — *Research Assistant for the Complex Analytics & Scalable Processing Lab; Teaching Assistant*

January 2024 - September 2024

Developed complex, performance critical from-scratch stream processing system to support novel research experiments in Go. Teaching assistant for Distributed Systems.

Data For Progress — *Fullstack Software Engineer*

May 2022 - January 2024

Built robust Python LLM pipelines to automate survey generation. Designed validation framework and benchmarks to prevent hallucinations in public-facing datasets. Built systems that automated 650 hours per year of researcher time.

Sharp Square Capital — *Project Manager and Fullstack Engineer*

December 2020 - February 2022

Developed multiple interactive data visualization and manipulation dashboards. Optimized product to run interactively at scale, achieving 400x speedup.

PRIZES

AI Math Olympiad Progress Prize — *Bronze Medalist*

Developed a novel resource-allocation strategy for LLM inference, training a difficulty-prediction classifier to optimize compute usage across a dataset of mathematical problems.

Phi Beta Kappa

Dean's List, Boston University

SKILLS

Fluent communicator skilled at explaining complex technical and philosophical concepts

Experienced in deploying LLMs as autonomous agents both for decision-making and workflow automation

Fluent in Python, Go, Java, and Kotlin development

Practiced in writing performance-critical systems to run at scale

Proficient with AWS and GCP

ACTIVITIES

Constitution/Model Spec reading group organizer, Philosophy Politics and Economics Society Executive Board, Woodworking, Skiing, Cooking, Travel

GETS ME UP IN THE MORNING

Making new things, seeing the world, and the rush from solving a hard problem.