Ezra Newman

www.ezranewman.com
(510) 499-7837
development@ezranewman.com

EDUCATION

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

September 2021 - May 2025

GPA: 3.98

Relevant CS Coursework: Artificial General Intelligence, Natural Language Processing, Streaming Systems, Distributed Systems, Combinatoric Structures, Formal Logic, Discrete Math, Engineering Analysis and Design.

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

WORK EXPERIENCE

American Civics Exchange — *Software Engineer*

June 2025 - Present

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*

January 2024 - September 2024

Developed complex, performance critical from-scratch stream processing system to support novel research experiments in Go. High performance targets required diving deep into various Go language internals and concurrency primitives.

Boston University — *Teaching Assistant for Distributed Systems*

January 2024 - May 2024

Created new assignments, taught labs and office hours, and developed exam questions. Topics included analyzing and debugging distributed systems, distributed consensus, and fault tolerance.

Data For Progress — *Fullstack Software & Prompt Engineer*

May 2022 - January 2024

Developed automated processes for implementing public opinion surveys for a national political strategy organization. Used large language models to automate editing and creating surveys, and to provide feedback to human analysts, automating 650 hours of employee time per year.

Sharp Square Capital — *Project Manager and Fullstack Engineer*

December 2020 - February 2022

Developed and managed multiple interactive tools using Lambda, Python, Postgres, and HTML/CSS/Javascript. Optimized product to run interactively at scale, achieving 400x speedup.

PRIZES

AI Math Olympiad Progress Prize - Bronze Medalist 2025

Dean's List, Boston University

Phi Beta Kappa

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

Proficient with OCaml and Flutter/Dart

Practiced in writing performance-critical systems to run at scale

Proficient with Amazon Web Services (AWS) and Google Cloud Platform (GCP)

Skilled in full-stack development with a focus on back-end

ACTIVITIES

Woodworking, Sailing, Skiing, Cooking, Travel, Philosophy Politics and Economics Society Executive Board

GETS ME UP IN THE MORNING

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