Gordon Kamer
gkamer@outlook.com
914-334-3989
https://gkamer8.github.io/ 900 High School Way APT 2216
https://www.linkedin.com/in/gkamer/ Mountain View, CA 94041

Education

HARVARD UNIVERSITY Cambridge, MA
A.B. in Computer Science. GPA: 3.99. May 2023
Relevant Coursework: Artificial Intelligence, Systems, Algorithms, Real Analysis, Linear Algebra, Statistics

BRUNSWICK SCHOOL Greenwich, CT
Valedictorian. Senior Prefect. Class Senator. GPA: 100.96 May 2018
Other Awards: Computer Science Book Award, History Prize, Kulukundis Cup (top GPA senior class), Harvard Book Award (top GPA junior class), Columbia Book Award (top GPA sophomore class).

Experience

U.S. ARTIFICIAL INTELLIGENCE INC Mountain View, CA
Founder & CEO April 2023 – Present
Founded and developed an AI startup. Performed nearly all technical work to develop and deploy AI projects related to training and professional development, RFP response, and strategic research (at various points). Led a team of 4 employees. Deployed a web app with 1,500 users. See: Landing page, Abbey, Abbey (GitHub)

VIRTU FINANCIAL Chicago, IL
Quantitative Trader Intern June 2022 – August 2022
Learned about market structure and quantitative strategies in equities trading. Performed statistical analysis on returns using Pandas with access to a SQL database.

LONG-TERM STRATEGY GROUP & DOD CONTRACTOR Cambridge, MA
Fall Research Intern September 2020 – August 2022
Researched national security issues for the Department of Defense, combining political and technical insights on AI. Presented to Pentagon officials summarizing findings. First delivered papers under Long-Term Strategy Group and later as an independent contractor with Dr. Stephen Rosen.

HARVARD COMPUTER ARCHITECTURE GROUP Cambridge, MA
Student Researcher June 2020 – August 2020
Researched emerging non-volatile memory technologies in the context of challenges to computer architecture design brought on by the end of Moore's Law. Aided graduate students working in the field. Presented results to the full research group. Designed experiments using memory simulation tools in C++.

Projects

SENIOR THESIS IN AI September 2022 – March 2023
Designed and implemented a markup language for neural network architectures. Conducted experiments on different transformer variants using the language. Built a model zoo and documentation website at https://agrippa.build.

Other projects: Traffic fatality study published in JAMA: Internal Medicine, Baseball simulation and predictive analytics in Python, and more available at https://gkamer8.github.io.
Skills: Python, PyTorch, C/C++, React/Next.js, Linux/Unix, AWS, Docker, Pandas, SQL, R, System Verilog.
Other interests and experience: History of science and computing, Harvard Sports Analytics Collective, Harvard Club Hockey, New York Mets, Camp Laurel South chess and athletics (summer 2021).